



InstallShield 2010 Express Edition

Release Notes

June 18, 2009

(updated to include SP1, released on October 6, 2009)

Introduction

InstallShield is recognized as the industry standard in installation authoring. Successful software publishers around the world rely on InstallShield for authoring powerful and flexible Windows Installer installations.

InstallShield 2010 offers many new features and enhancements that help you use the latest technologies and save time on everyday tasks. InstallShield now supports Windows 7, Windows Server 2008 R2, and Windows Installer 5. Some of the views in InstallShield contain new toolbars and dynamic search capabilities that make it easier to find information, modify project settings, and customize grids. For example, the Redistributables view contains a new toolbar and a new group box area; they provide robust search and organizational functionality. The redesigned Internet Information Services view now lets you create IIS Web applications and virtual directories separately.

InstallShield 2010 Service Pack 1 (SP1) includes changes that offer support for the final released versions of Windows 7, Windows Server 2008 R2, and Windows Installer 5. (Note: Without SP1, InstallShield 2010 supports Microsoft Windows 7 Release Candidate English, Microsoft Windows Server 2008 R2 Release Candidate English, and the beta version of Windows Installer 5.)

For the latest information about InstallShield 2010 Express Edition, including updates to these release notes, see Knowledge Base article [Q200851](#).

Note: If you have not purchased a license for InstallShield, you can install it and use it for a limited number of days without activating it. When you use InstallShield before activating it, it operates in evaluation mode, and some of its functionality is not available. For details, see KB article [Q200900](#). Note that when you activate InstallShield, the evaluation limitations are removed.

New in InstallShield 2010 SP1 (October 6, 2009)

To obtain SP1, see Knowledge Base Article [Q206429](#).

InstallShield 2010 SP1 includes changes that offer support for the final released versions of Windows 7, Windows Server 2008 R2, and Windows Installer 5. It also includes additional changes.

Upgrade Note: If you want to open an InstallShield 2010 project in InstallShield 2010 SP1, you must allow InstallShield to upgrade your project to InstallShield 2010 SP1. InstallShield 2010 SP1 includes support for tables that were not available in InstallShield 2010 projects, and these tables need to be added during the upgrade. Note that it is not possible to open InstallShield 2010 SP1 projects in earlier versions of InstallShield (including

InstallShield 2010 without SP1). Therefore, if multiple users need to open and modify your InstallShield projects, ensure that all of you apply the SP1 patch at the same time.

If you open an InstallShield 2010 project in InstallShield 2010 SP1, InstallShield 2010 SP1 displays a message box that asks you if you want to convert the project to the new version. If you reply that you do want to convert it, InstallShield creates a backup copy of the project before converting it.

Setup.exe Manifests Now Have Compatibility Section to Avoid Triggering Program Compatibility Assistant on Windows 7 and Windows Server 2008 R2 Systems

If you configure your InstallShield project to create a setup launcher for your installation, the manifest that InstallShield creates for the setup launcher now includes a compatibility section. Previously, without this compatibility section, a Program Compatibility Assistant (PCA) dialog box may have appeared at the end of an installation on Windows 7 and Windows Server 2008 R2 systems. The PCA dialog box indicated that the program might not have installed correctly. This dialog box was displayed if the installation did not create the application uninstallation key. This may happen if the end user cancels the installation or the installation fails to complete successfully.

Ability to Specify a Custom .png Shortcut Icon for the Start Screen on Windows Mobile 6.5 Professional–Powered Devices

If you are creating a mobile device installation for Windows Mobile–powered devices and you plan to distribute your product through Windows Marketplace for Mobile, you need to use a 90×90 pixel Start screen icon (.png file) for your product. Both the Windows Mobile Wizard and the Smart Device Setup Wizard in InstallShield enable you to select the .png file that you want to use. When the shortcut is installed and displayed on Windows Mobile 6.5 Professional–powered devices, the Windows Mobile Shell scales down the shortcut's icon as necessary, depending on the DPI of the device.

The Shortcut Properties dialog box has a new "Use a Start screen icon (.png)" check box. If you want to use a .png file, select this check box, and then click the browse button to specify the file. The Shortcut Properties dialog box opens when you are using the Windows Mobile Wizard or the Smart Device Setup Wizard and you add a new shortcut or change the properties of an existing shortcut on the Shortcuts panel.

This functionality is available in the following project types: Express and Smart Device.

Windows Installer 4.5 Prerequisites for Windows Vista Systems

The conditions in the following InstallShield prerequisite is now configured correctly: Windows Installer 4.5 for Windows Vista (x86). If this InstallShield prerequisite is installed on the target system during your installation, the installation no longer attempts to install it again.

Dependency Scanning and COM Extraction Now Exclude Protected Windows 7 Files and Registry Entries

The Filters.xml file that is installed with InstallShield has been updated with exclusions for files and registry keys that are protected by Windows Resource Protection (WRP) on Windows 7 systems. Therefore, if you extract COM data from COM servers, InstallShield does not extract any registry keys that are protected by WRP for Windows 7. In addition, if you run the dependency scanners in InstallShield, they do not list as dependencies any files that are protected by WRP for Windows 7.

IOA-000049954

If you password-protect your Setup.exe file through the Setup.exe tab in the Releases view and your installation includes feature prerequisites, the installation displays a password prompt only when the end user first launches Setup.exe. The installation no longer displays a prompt when the feature prerequisites are launched.

IOC-000082018

Some IIS settings that are configured in the Internet Information Services view and that were previously configured incorrectly at run time are now configured correctly at run time.

IOC-000082019

If a project that was created in an earlier version of InstallShield contains a Windows Mobile installation, and that project is upgraded to InstallShield 2010 SP1, the Windows Mobile application is now installed at run time. Previously at run time, the Application Manager (CeAppMgr.exe) was not launched, so the Windows Mobile application could not be installed.

IOC-000082384

If you select "Yes (Only Windows 7 and Later)" or "Yes (All Systems)" for the Show All Users Option setting, and if your project contains a custom action that is scheduled to be launched after the Ready to Install dialog, the custom action is now launched at run time on Windows 7 systems after the end user clicks the Per Machine or Per User option. Previously in that scenario, the custom action was not launched.

IOC-000082545

When InstallShield is used within Visual Studio and a referenced project has a short name, InstallShield now resolves project output groups correctly, and build error -6221 no longer occurs.

New in InstallShield 2010 Original Release Version (June 18, 2009)

Note: Without SP1, InstallShield 2010 supports Microsoft Windows 7 Release Candidate English, Microsoft Windows Server 2008 R2 Release Candidate English, and the beta version of Windows Installer 5.

Features in InstallShield 2010 Original Release Version

Ability to Target Windows 7 and Windows Server 2008 R2 Systems

InstallShield enables you to specify that your installation requires Windows 7 or Windows Server 2008 R2. It also lets you build feature and custom action conditions for these operating systems.

Windows 7 and Windows Server 2008 R2 Support for Displaying Installation Progress on the Taskbar

Installations that are run on Windows 7 and Windows Server 2008 R2 now show a progress bar on the Windows taskbar during file transfer. This applies to installations that display billboards that were configured in the Billboards view. Note that a progress bar is not displayed on the taskbar on earlier versions of Windows. It is also not displayed during setup initialization or while InstallShield prerequisites are being installed.

Beta Windows Installer 5 Support for Per-User Installations

The Show All Users Option setting in the Dialogs view now has support for the MSIINSTALLPERUSER property that is available with the beta of Windows Installer 5. Use this setting to specify whether you want to give end users the option of installing your product for all users or for only the current user. Depending on the value that you select for this setting, the Ready to Install dialog may include buttons that let end users specify how they want to install the product; the buttons are displayed if the installation is run on a system that has Windows 7 or Windows Server 2008 R2.

Note that the Show All Users Option setting is now available when you select the main Dialogs node in the Dialogs view. Previously, this setting was available if you selected the Customer Information dialog in this view.

This feature is available in Express projects.

Beta Windows Installer 5 Support for Reducing the Time for Installing Large Packages

Use the new Fast Install setting in the General Information view to select one or more options that may help reduce the time that is required to install a large Windows Installer package. For example, you can specify that you do not want a system restore point to be saved for your installation. You can also specify that you want the installation to perform file costing, but not any other costing.

This setting configures the new Windows Installer property MSIFASTINSTALL, which can be set at the command line. Windows Installer 5 includes support for this property. Earlier versions of Windows Installer ignore it.

This setting is available in Express projects.

New Support for Setting Permissions for Files, Folders, and Registry Keys

InstallShield offers a new way to secure files, folders, and registry keys for end users who run your product in a locked-down environment: With the new custom InstallShield handling method, InstallShield stores permission information for your product in the custom ISLockPermissions table of the .msi database. InstallShield also adds custom actions to your project to set the permissions. This support is available in Express projects.

Previously, the only option that InstallShield offered for setting permissions was to use the traditional Windows Installer handling. With this option, the permission information is stored in the LockPermissions table of the .msi database. The new custom InstallShield handling option offers several advantages over the traditional Windows Installer handling:

- The custom option includes support for many well-known security identifiers (SIDs) that are not supported by the traditional Windows Installer handling option.
- The custom option supports the use of localized user names for the supported SIDs, unlike the traditional option. With the traditional option, if you try to use a localized name to set permissions on a non-English system, the installation may fail.
- The custom option lets you specify that you want to deny a user or group from having the permissions that you are specifying. The traditional handling does not allow you to do this.
- The custom option lets you add permissions to a file, folder, or registry key that already exists on the target system, without deleting any existing permissions for that object. With the traditional handling, the existing permissions are deleted.
- The custom option lets you configure permissions for a folder (or a registry key), and indicate whether you want the permissions to be applied to all of the folder's subfolders and files (or the registry key's subkeys). With the traditional handling, if you want to configure permissions for a subfolder or a file in a folder (or a subkey under a registry key), the parent that is created on the target system automatically inherits the permissions of its child.
- The custom option lets you configure permissions for a new user that is being created during the installation. The traditional handling does not allow you to do this; the user must already exist on the target system at run time.

The General Information view has a new Locked-Down Permissions setting that lets you specify whether you want to use the new custom InstallShield handling or the traditional Windows Installer handling for all new permissions that you set for files, folders, and registry keys in your project. If you have already configured some permissions in your project and then you change the value of this setting, InstallShield lets you specify whether you want to use the alternate handling method for those already-existing permissions. In all new projects, the default value for this setting is the custom InstallShield handling option. If you upgrade a project from InstallShield 2009 Express Edition

or earlier to InstallShield 2010 Express Edition, the traditional Windows Installer handling option is the default value of this setting. This new setting is available in Express projects.

This feature resolves the following issues: 1-784A7, 1-JOMKL, IOA-000030286, IOA-000044784, IOC-000044382.

New InstallShield Prerequisites for Windows Installer, .NET Framework, Crystal Reports, and Other Redistributables

InstallShield includes a number of new InstallShield prerequisites that you can add to Express projects:

- Windows Installer 4.5 (The InstallShield prerequisites for Windows Installer 4.5 include the fix that is described in Microsoft KB958655.)
- Windows Installer 4.5 Update (The InstallShield prerequisites for the Windows Installer 4.5 Update include the fix that is described in Microsoft KB958655. Windows Installer 4.5 must already be installed on the target system for this update.)
- Windows Installer 3.1, Windows Installer 3.0, and Windows Installer 2.0 (These versions of Windows Installer redistributables were previously available if you added Windows Installer to your project in the Releases view. These versions were not previously available as InstallShield prerequisites.)
- .NET Framework 3.0 SP1
- .NET Framework 2.0 SP2
- Internet Explorer 8
- Microsoft SQL Server 2008 Express SP1
- Microsoft SQL Server 2005 Express SP3
- Microsoft Visual C++ 2005 SP1 Redistributable Package
- Crystal Reports Basic for Visual Studio 2008 (Use this prerequisite with the Crystal Reports Basic installation that is installed with Visual Studio 2008. Note that you may need to change the path of the Crystal Reports Basic installation in the .prq file, depending on where the .msi package is located on your system.)

This feature resolves the following issues: IOA-000047761, IOC-000078966, IOC-000080736.

SQL Server Compact Edition 3.5 SP1 Support Now Available for Mobile Devices

InstallShield now includes support for SQL Server Compact Edition 3.5 SP1. If you have SQL Server Compact Edition 3.5 SP1 installed on your build machine and you select the SQL Server Compact 3.5, SQL Server Compact 3.5 Replication, or SQL 3.5 Client options in the Windows Mobile Wizard or the Smart Device Setup Wizard, InstallShield includes .cab files of SQL Server Compact Edition 3.5 SP1 in your installation at build time. Note that you need to obtain the SQL Server Compact Edition 3.5 SP1 redistributable from the MSDN Web site and install it on your build machine.

This feature applies to the following project types: Express and Smart Device.

Ability to Add IIS Web Applications to Web Sites Without Virtual Directories

InstallShield now lets you add IIS Web applications to Web sites. You can do so by right-clicking a Web site in the Internet Information Services view and clicking New Application. Once you have added a new application, you can configure its settings in the right pane.

InstallShield also lets you create a virtual directory without an application. Previously whenever you created a virtual directory, an application was also created automatically.

This feature applies to Express projects.

This feature resolves the following issues: 1-PLEIX, IOA-000045314, IOC-000057470, IOC-000059119, IOC-000067040, IOC-000069568.

New FLEXnet Connect 11.6 Redistributables Available

InstallShield includes support for FLEXnet Connect 11.6 in Express projects. Use the Update Notifications view in InstallShield to include one of the two FLEXnet Connect 11.6 merge modules—one has the Common Software Manager, and the other does not. These merge modules replace the FLEXnet Connect 11 merge modules. For details about the changes in the updated merge modules, see the [FLEXnet Connect release notes \(PDF\)](#).

Enhancements in InstallShield 2010 Original Release Version

Usability Enhancements

Some of the views in InstallShield have been enhanced to improve productivity and usability. For example, several views contain new toolbars that make options easier to find. Some of the views that contain grids let you customize how the rows in a grid are organized. Searches are performed more quickly in the views that offer search capabilities. Following are examples of some of the highlights:

- **Redistributables view**—The new toolbar and the new group box area in this view provide robust search and organizational functionality. You can drag and drop column headings onto the group box area to organize the list of redistributables in a hierarchical format. In addition, you can type a string in the toolbar's search box, and InstallShield hides all of the redistributables that do not contain it.
- **Internet Information Services view**—This view has been redesigned to look similar to IIS 7: the settings are now displayed in grids, instead of on tabs. The grids have buttons that let you sort the grid settings by category or alphabetically. When you select a setting in one of the grids in this view, InstallShield displays help information for that setting in the lower-right pane.
- **General Information view**—The settings in this view are grouped into several categories in a grid to make it easy to find a particular setting. The grid has a button that lets you sort the grid settings by category or alphabetically.

In addition, the Output window, which is displayed when you are building a release or upgrading a project, has been enhanced. The Output window or its individual tabs can be docked to any side of the workspace in InstallShield, or they can be dragged to free-floating positions. If you drag the Output window or one of its tabs to the edge of the InstallShield interface, it becomes a docked window. If you drag the Output window or one of its tabs away from any of the edges of the InstallShield interface, it becomes undocked.

Predefined System Searches for the .NET Framework and Internet Explorer 8

InstallShield has two new predefined system searches:

- Microsoft .NET Framework 3.5 SP1
- Internet Explorer 8

If your installation requires one or both of these, you can use the Requirements view or the Installation Requirements page in the Project Assistant to add these system searches to your project. When end users launch your installation, Windows Installer checks the target system to see if the requirements are met; if they are not met, the installation displays the error message that is defined for the system search.

This enhancement applies to Express projects.

This enhancement resolves issues IOA-000047761.

Project Upgrade Alerts

The following information describes possible upgrade issues that may occur when you upgrade projects that were created with InstallShield 2009 Express Edition and earlier to InstallShield 2010 Express Edition. It also alerts you to possible changes in behavior that you may notice between new InstallShield 2010 Express Edition projects and projects that are upgraded from InstallShield 2009 Express Edition or earlier to InstallShield 2010 Express Edition. For updates to this information, see Knowledge Base article [Q200852](#).

General Information about Upgrading Projects that Were Created in Earlier Versions of InstallShield

If you use InstallShield 2010 Express Edition to open a project that was created with an earlier version, InstallShield 2010 Express Edition displays a message box that asks you if you want to convert the project to the new version. If you reply that you do want to convert it, InstallShield creates a backup copy of the project with a file extension such as .768 before converting it. Delete the .768 part from the original project's file name if you want to reopen the project in the earlier version of InstallShield. Note that you cannot open InstallShield 2010 Express Edition projects in earlier versions of InstallShield Express Edition.

You can upgrade projects that were created with the following versions of InstallShield Express Edition to InstallShield 2010 Express Edition: InstallShield 2009 Express Edition and earlier, InstallShield 12 Express Edition and earlier, and InstallShield Express 5 and earlier. Note that projects that were created with InstallShield MultiPlatform or InstallShield Universal cannot be upgraded to InstallShield 2010 Express Edition.

Installing More than One Edition of InstallShield

Only one edition of InstallShield 2010—Premier, Professional, or Express—can be installed on a system at a time. Previously, it was possible to install the Express edition on the same system that had the Premier or Professional edition of the same InstallShield version.

Change to the List of Supported Operating Systems for Running InstallShield

The minimum operating system requirement for systems that run InstallShield (the authoring environment) is now Windows XP or Windows Server 2003. Previously, the minimum operating system requirement was Windows 2000 SP3.

Setup.exe No Longer Runs on Windows 9x, Windows NT 4, or Windows Me Systems

Setup.exe installations that are created in InstallShield can no longer be run on Windows 9x, Windows NT 4, or Windows Me. If an end user tries to launch Setup.exe on a Windows 9x or Windows Me system, Windows displays a message box with the following error: "The *FullSetup.exePathAndFileName* file expects a newer version of Windows. Upgrade your Windows version." On Windows NT 4 systems, Windows displays a message box with the following error: "*FullSetup.exePathAndFileName* is not a valid Windows NT application."

InstallShield no longer enables you to select these legacy operating systems when you are creating conditions for a feature or a custom action, or when you are configuring system hardware requirements in the Requirements view. If you upgrade a project that was created in InstallShield 2009 Express Edition or earlier to InstallShield 2010 Express Edition, and if the earlier project had conditions or requirements for only these legacy operating systems, InstallShield replaces the legacy operating system options with the Any OS Version option.

Windows Installer 1.x Redistributables Are No Longer Available

InstallShield no longer includes Windows Installer 1.x redistributables, since they target only legacy versions of Windows that are no longer supported. Previously, it was possible to add Windows Installer 1.x redistributables to a project through the Releases view.

Redistributable for VBScript Runtime Files Is No Longer Available

InstallShield no longer includes the InstallShield object for VBScript Runtime Files. This redistributable targets only legacy versions of Windows that are no longer supported.

QuickPatch Creation

InstallShield now uses the Windows Installer 4.5 patching technology to create QuickPatch releases. This change is reported for informational purposes.

Changes for the Redistributables View

The Redistributables view has a new toolbar and group box area that provide robust search and organizational functionality. Use the new Show Details button in this view to show or hide the details pane for the selected redistributable in this view. The details pane provides information such as which files a redistributable installs. The Show Details button replaces the Show Details and Hide Details links that were previously available in the upper-right corner of this view.

The new group box area is below the new toolbar in the Redistributables view. You can drag and drop column headings onto this group box area to organize the list of redistributables in a hierarchical format. If you want InstallShield to separate all of the redistributables in the view into two groups—one whose check box is selected and one whose check box is cleared—drag the check box column to the group box area. This enables you to easily identify all of the redistributables that are included in your project. The result is similar to the behavior that previously occurred if you right-clicked any redistributable and then clicked Show Only Selected Items. Note that the Show Only Selected Items command is no longer available in the Redistributables view.

Changes to Support for Securing Permissions for Files, Folders, and Registry Keys

The General Information view has a new Locked-Down Permissions setting that lets you specify whether you want to use the new custom InstallShield handling or the traditional Windows Installer handling for all new permissions that you set for files, folders, and registry keys in your project. The new custom InstallShield handling option offers several advantages over the traditional Windows Installer handling option.

In all new projects, the default value for this setting is the custom InstallShield handling option. If you upgrade a project from InstallShield 2009 Express Edition or earlier to InstallShield 2010 Express Edition, the traditional Windows Installer handling option is the default value of this setting.

This new setting is available in Express projects.

Changes to the Ready to Install Dialog for Beta Windows Installer 5 Support of Per-User Installations

The Show All Users Option setting in the Dialogs view now has support for the MSIINSTALLPERUSER property that is available with the beta of Windows Installer 5. Use this setting to specify whether you want to give end users the option of installing your product for all users or for only the current user. Depending on the value that you select for this setting, the Ready to Install dialog may include buttons that let end users specify how they want to install the product; the buttons are displayed if the installation is run on a system that has Windows 7 or Windows Server 2008 R2.

The Show All Users Option setting is now available when you select the main Dialogs node in the Dialogs view. Previously, this setting was available if you selected the Customer Information dialog in this view.

If you create a new Express project in InstallShield 2010 Express Edition, the default value for the Show All Users Option setting is No. If you upgrade a project from InstallShield 2009 Express Edition or earlier to InstallShield 2010 Express Edition, the value is set as follows:

- If No was selected in the earlier project, No is selected in the upgraded project.

- If Yes was selected in the earlier project, Yes (All Systems) is selected in the upgraded project. Therefore, if the target system has Windows 7 or Windows Server 2008 R2, the Ready to Install dialog includes buttons that let end users specify how they want to install the product. If the target system has Windows Vista or earlier, or Windows Server 2008 or earlier, the Customer Information dialog includes radio buttons let end users specify how they want to install the product.

You can modify the value as needed.

Trialware Support

The only edition of InstallShield that includes the Trialware view is the Premier edition. This edition lets you create the Try and Die type of trialware. InstallShield no longer includes support for creating the Try and Buy/Product Activation type of trialware.

If you have an existing InstallShield Activation Service account and you want to be able to create the Try and Buy/Product Activation type of trialware in InstallShield 2010, you can still do so. For instructions, see Knowledge Base article [Q200884](#).

Compact Projects

InstallShield no longer enables you to create new Compact projects. Note that if you created a Compact project in InstallShield 2009 Express Edition or earlier, you can upgrade it to InstallShield 2010 Express Edition, and then make changes to it and build it. You can also use InstallShield 2010 Express Edition to convert the Compact project to an Express project.

Visual Studio Integration

Microsoft Visual Studio can be integrated with only one version of InstallShield Express Edition at a time. The last version of InstallShield that is installed or repaired on a system is the one that is used for Visual Studio integration.

Resolved Issues in InstallShield 2010 Original Release Version

1-14RXU1

If a string registry value that is configured in the Registry view contains square brackets ([]), the square brackets are now created correctly in the registry at run time. Previously, a registry value of [1], for example, would be set as [\]1[\] at run time.

IOA-000029522, IOC-000072345

Build warning -6248 no longer occurs for a file called .dll or one of its dependencies.

IOA-000039055

The Windows Installer version that is selected for a release on the Setup.exe tab in the Releases view is now included in the release if you build it through the Build Installation page in the Project Assistant. Previously, building a release through the Project Assistant always included version 2 of the Windows Installer, regardless of what version was selected in the Releases view.

IOA-000044607

The predefined system search for the .NET Framework 3.0 SP1 has been corrected; it is now searching in the appropriate registry location on the target system.

IOA-000044659, IOA-000044761, IOC-000074756 (QuickPatch)

InstallShield no longer crashes when you build a QuickPatch package that updates .NET assembly files.

IOA-000046415

Feature prerequisites can now be launched from paths that contain Unicode strings.

IOA-000046527

It now takes less time for COM+ applications that were configured in the Component Services view to be installed on target systems. Previously, a performance issue existed with COM+ application installations that were built in InstallShield 2008 and 2009.

IOA-000047571

One of the run-time message boxes that may be displayed in certain scenarios for an InstallShield prerequisite now contains an OK button, instead of Yes and No buttons. The message box explains that the files for the InstallShield prerequisite could not be found—probably because of a failed or canceled download—and that the installation will stop.

IOA-000047619

If an installation that contains an InstallShield prerequisite is run from a network location, it now displays the "Open File - Security Warning" dialog only once. Previously, the installation displayed it two or more times: once as the Setup.exe file was launched, again after the end user clicked the Install button, and then possibly again for each prerequisite that was launched.

IOA-000047743

If either of the .NET Framework 3.5 SP1 prerequisites needs to be downloaded at run time, they can now be downloaded and installed properly, and progress is shown. Previously, since progress was not shown, it may have seemed that the download did not finish. In addition, the download for the Web download prerequisite may have failed.

IOA-000047792

You can now enter a fourth field in the Product Version setting of the General Information. In InstallShield 2009, only three fields could be entered.

IOA-000048079

The Russian version of the setup prerequisite dialog now includes single quotes instead of double quotes where appropriate.

IOA-000048143

The text on the Japanese version of the setup prerequisite dialog is no longer truncated. Previously, if the product name was long, the text would wrap to a third line, and part of the text on the third line was cut off.

IOB-000055980

The Windows Mobile Wizard and the Smart Device Setup Wizard now contain options for specifying target versions of Windows Mobile 5.x/6.x with different processors for .NET Compact Framework and SQL redistributables. Previously, the options did not list the 6.x version. Note that the .cab files support both 5.x and 6.x platforms.

IOB-000056122

Visual Studio no longer crashes when dynamic scanning is being performed from within an InstallShield project that is opened from within Visual Studio. Previously, this may have occurred if Data Execution Prevention (DEP) was turned on.

IOB-000056808

InstallShield now lets you add to a project files that are in a directory whose name has nine or more two-byte characters. Previously, InstallShield crashed in this scenario.

IOB-000056969

The Danish translation of a string on the Setup Complete Success dialog has been corrected.

IOC-000051726

If the .NET Framework is added to a project through the Releases view and it is configured to run without the user interface, the progress bar is now updated while the .NET Framework is being installed. Previously, the progress bar was not updated.

IOC-000060997

If you are using the self-hosted solution for FLEXnet Connect and you configure the Host setting in the Update Notifications view, the Is Product/Version Registered setting in this view now works correctly. That is, if the product and version are not registered, this setting displays No. If they are registered, this setting displays Yes. If you click the Refresh button for this setting, InstallShield checks the host to see if they are registered and updates the Is Product/Version Registered setting as appropriate. Previously, the setting always displayed No for the self-hosted solution, even if the product and version were registered.

IOC-000067779

Clicking the Cancel button when IIS data is being installed now successfully rolls back the installation. Previously in that scenario, clicking the Cancel button did not have any effect.

IOC-000069610

The setup type logic now works correctly in Express projects when the Setup Types dialog is not displayed at run time. Previously, some of the features that were associated with a particular setup type were not installed in some cases.

IOC-000071503

Custom HTTP errors that are configured in the Internet Information Services view can now exceed 255 characters. Previously, if any of the errors exceeded 255 characters, that error message was truncated when it was displayed on the target system, and the remaining errors in the installation were not shown.

IOC-000072722, IOC-000075593

If you add multiple files to a Windows Mobile installation in the Mobile Devices view and select specific target platforms for those files, build error -6516 no longer occurs.

IOC-000073194

Setup.exe no longer checks the Windows Installer version on the target system if you selected "Yes (no Windows Installer engine included)" for the Setup Launcher setting on the Setup.exe tab in the Releases view. Previously in some cases, a run-time error may have been displayed, indicating that a Windows Installer redistributable file could not be found. This may have occurred if the following were true: you selected "Yes (no Windows Installer engine included)" for the Setup Launcher setting, you included an InstallShield prerequisite for Windows Installer 4.5, and the target system did not have Windows Installer 3.1.

IOC-000073301

When Setup.exe is run in administrative installation mode, the installation no longer checks to see if a newer version of the product is already installed. This enables you to use the /a command-line parameter with Setup.exe

to perform an administrative installation of a product when a newer version of that product is already installed. Previously, the administrative installation was not performed.

IOC-000073614

Winsock-related registry keys have been added to the registry exclusion list in the Filters.xml file. Therefore, InstallShield no longer automatically adds Winsock-related registry keys to projects when COM extraction is performed.

IOC-000073702

If you configure an IIS Web site or virtual directory in your project to use the basic authentication method for collecting user name and password information, it is now enabled at run time on Windows Server 2008 systems with IIS 7. Previously, it was not enabled at run time. Note that the basic authentication module needs to be installed on the target system; it is not installed by default.

IOC-000074105

The names of the assemblies from the .NET Framework 3.5 have been added to the dependency exclusion list in the Filters.xml file. Therefore, InstallShield no longer automatically adds these assemblies to projects as dependencies when components are scanned for .NET dependencies.

IOC-000074405, IOC-000075522, IOC-000077042

The conditions for the Microsoft .NET Framework 2.0 SP1 prerequisite have been corrected. In addition, if the Windows Installer needs to be installed with the installation, it is now installed before the .NET Framework 2.0 SP1 is installed.

IOC-000074841

When you use the Import REG File Wizard to import a .reg file into your project, the registry keys are now displayed in alphabetical order. Previously, the keys were not imported in any particular order. To sort the child keys of any key in the Registry view, select the parent key and then press CTRL+F4.

IOC-000074930

If your release includes a feature prerequisite and you test the user interface of the release from within InstallShield (by clicking the Test User Interface button or by clicking the Test command on the Build menu), the feature prerequisite is no longer launched.

IOC-000075161, IOC-000076965

The .NET Framework 2.0 Chinese (Simplified) language pack is now available in the .NET 1.1/2.0 Language Packs setting on the .NET/J# tab for a release in the Releases view.

IOC-000075729 (Smart Device)

InstallShield now generates a .cab file at build time for a Smart Device project that includes two files with the same name but different source locations. Previously in this case, InstallShield did not build the .cab file or display any build error.

IOC-000075739 (QuickPatch)

Nonstreamlined cumulative QuickPatch packages for base packages that include conditions on some components now update these components correctly when intermediate patches are not applied. Note that the intermediate packages must have also been built with this fix in place.

IOC-000075759

If you type a space as the last character in the file name of a new project in the New Project dialog box, InstallShield now removes that space when creating the InstallShield project file and the release folder. Previously, InstallShield did not remove the space, and this caused some issues.

IOC-000075974

When an end user clicks the Update button on the PatchWelcome dialog, the patch now proceeds with the rest of the patch, instead of showing the PatchWelcome dialog again. Previously, Update.exe was launched in an endless loop after each click of the Update button if the original installation included one or more feature prerequisites.

IOC-000076257, IOC-000079161

If you specify a bitmap file with an .ico file extension for the Display Icon setting in the General Information view, error -3204 no longer occurs at build time.

IOC-000076437

If you add the .NET Framework 3.5 requirement to your project through the Requirements view or through the Installation Requirements page of the Project Assistant, the installation now checks for the presence of the .NET Framework 3.5 or .NET Framework 3.5 SP1 at run time. Previously, the condition was not met if SP1 was installed on the target system.

IOC-000076640

The Crystal Reports 8.5 SP3 object now includes the most recent files.

IOC-000076940

The Danish translation of the IDS__IsExitDialog_InstallSuccess string entry has been corrected.

IOC-000076437

If you add the .NET Framework 2.0 SP1 requirement to your project through the Requirements view or through the Installation Requirements page of the Project Assistant, the installation now checks for the presence of the .NET Framework 2.0 or .NET Framework 2.0 SP1 at run time. Previously, the condition was not met if SP1 was installed on the target system.

IOC-000078792

When you use the Import REG File Wizard to import a .reg file into a project on a Japanese system, all of the registry keys are now imported.

IOC-000078795

If you upgrade an InstallShield 12 project that has the Update Service merge module to InstallShield 2010, error -4075 (File not found) does not occur at build time.

IOC-000078855

If you upgrade a project that was created in a much earlier version of InstallShield Express to InstallShield 2010, build error -6262 no longer occurs. Previously in some cases, this build error occurred, and the error message referenced an ARPAUTHORIZEDCDFPREFIX entry in the Directory table.

System Requirements

This section contains the minimum requirements for systems that run InstallShield (the authoring environment), as well as for target systems that run the installations created with InstallShield (the run-time environment).

For Systems Running InstallShield

Processor

Pentium III-class PC (500 MHz or higher recommended)

RAM

256 MB of RAM (512 MB preferred)

Hard Disk

500 MB free space

Display

Designed for XGA resolution at 1024 × 768 or higher

Operating System

Windows XP
Windows Server 2003
Windows Vista
Windows Server 2008
Windows 7
Windows Server 2008 R2

Browser

Microsoft Internet Explorer 5.01 (IE 5.5 or later recommended)

Privileges

Administrative privileges on the system

Mouse

Microsoft IntelliMouse or other compatible pointing device

For Target Systems (Desktop Computers)

Target systems must meet the following minimum operating system requirement:

Windows 2000
Windows XP
Windows Server 2003
Windows Vista
Windows Server 2008
Windows 7
Windows Server 2008 R2

For Target Systems (Mobile Devices)

InstallShield includes support for adding mobile device installations to desktop installations that use Microsoft Windows Mobile Device Center or Microsoft ActiveSync to transfer files to a mobile device.

InstallShield also includes support for straight-to-device installations that do not use Windows Mobile Device Center, ActiveSync, or any other desktop component.

For an overview of the different options that InstallShield supports, see "Creating Installations for Mobile Devices" in the InstallShield Help Library.

Windows Mobile Device Requirements

InstallShield supports many Windows Mobile platforms and processors. The Windows Mobile platforms are:

- Windows Mobile 6.x Professional and Classic
- Windows Mobile 6.x Standard
- Windows Embedded CE 6.x
- Windows Mobile 5.0 for Pocket PC
- Windows Mobile 5.0 for Smartphone
- Windows CE .NET 5.0
- Windows CE .NET 4.x
- Pocket PC 2003
- Pocket PC 2002
- Pocket PC
- Palm-size PC 2.11
- Palm-size PC 2.01
- Handheld PC 2000
- Handheld PC Pro
- Handheld PC 2.0
- Smartphone 2003
- Smartphone 2002

Note that if a platform is not included in the list, it does not mean InstallShield does not support it. It simply means that you cannot set conditions for that specific platform by default. To add support for additional platforms or to change the conditions for targeting a specific platform, you can modify the Settings.xml file that is installed with InstallShield. For more information, see "Modifying the List of Available Windows Mobile Platforms or their Associated Settings" in the InstallShield Help Library.

InstallShield includes support for the following Windows Mobile processors:

- ARM920
- ARM820
- ARM720
- Common Executable Format
- Hitachi SH4
- Hitachi SH3E
- Hitachi SH3
- i686
- i586
- i486
- MIPS R4000

- MIPS R3000
- MIPS R2000
- SHx SH4
- SHx SH3
- StrongARM-XScale

Palm OS Device Requirements

InstallShield supports Palm OS 3.5 and later.

Desktop Requirements for Windows Mobile Device Installations

Requirements for the desktop computers that are used to install applications on Windows Mobile devices are:

- Microsoft ActiveSync 3.x or later on Windows XP (ActiveSync 4.x is required for Windows Mobile 5.x or later devices)
- Microsoft Windows Mobile Device Center on Windows Vista
- Administrative privileges

Desktop Requirements for Palm OS Device Installations

Palm HotSync is required for the desktop computers that are used to install applications on Palm OS devices.

Known Issues

For a list of known issues, see Knowledge Base article [Q200853](#).