Deltek

Deltek Acumen 8.8

How to Build an InstallShield Silent Install for Acumen

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Overview

Acumen offline installations are created using a tool called InstallShield. The setups are script driven and can be made to run silently. This can be useful when IT wants to deploy Acumen to a user's desktop without the user needing to run the installation.

You can perform an installation and have the setup program record your responses to a file that can be used on future installations to allow them to run silently.

A silent installation installs a product without any prompts to the user when the installation has started. You create a file of installation responses and send the file to end-users at your site, together with the installation. By default, this installation response file is called **Setup.iss**. You can do this without using Microsoft Windows Installer.

Create a Response File

To create a Setup.iss file and an installation shortcut that uses the Setup.iss file, complete the following steps:

1. On a computer that has no trace of an Acumen installation, open a Command Prompt window.
2. Type the path of the setup file for Acumen followed by **/r and /f1 [path\filename.iss]**, and press **ENTER**.

   For example, type **C:\temp\DeltekAcumen88.exe /r /f1 "c:\temp\DeltekAcumen88.iss"**, and press **ENTER**.
3. Install and set up Acumen the way that you want it set up.
4. When the installation is complete, navigate to the folder specified and locate the **DeltekAcumen88.iss** file.
5. Move the **DeltekAcumen88.iss** file and the Acumen installation files to a folder that the users can access over the network.
6. Create a shortcut file that calls the installation by using your response file. To do this, add the following items to the setup command:
   - **/s**
   - **f1**
   - The path of the **DeltekAcumen88.iss** response file

   Make sure that you type a space between each parameter. For example, if both the response file and the **setup.exe** file are located in **g:\Acumen\8.8**, the shortcut must contain the following command:

   g:\ Acumen\8.8\ DeltekAcumen88.exe /s /f1 "g:\ Acumen\8.8\ DeltekAcumen88.iss"
7. Send the shortcut file to the users who need to install Acumen.

For more information about how to perform a silent InstallShield installation or how to debug a faulty installation, review the following InstallShield Web site:

http://helpnet.flexerasoftware.com/installshield21helplib/installshield21helplib.htm#StartTopic=helplibrary/CreatetheResponseFile.htm

Note: If you click the above link and get a "Page Cannot Be Found" error, copy the link and paste it into your browser.

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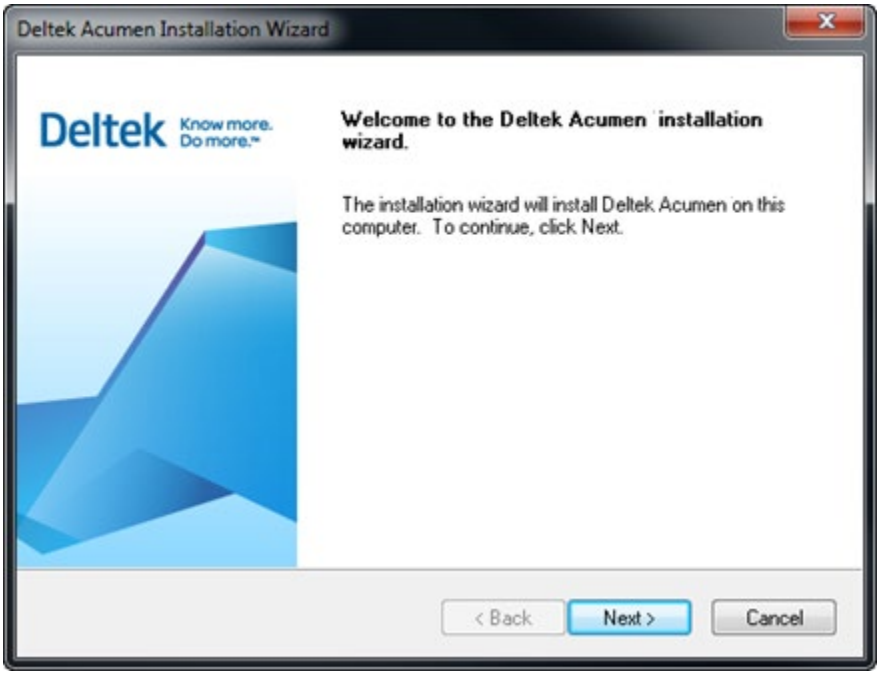
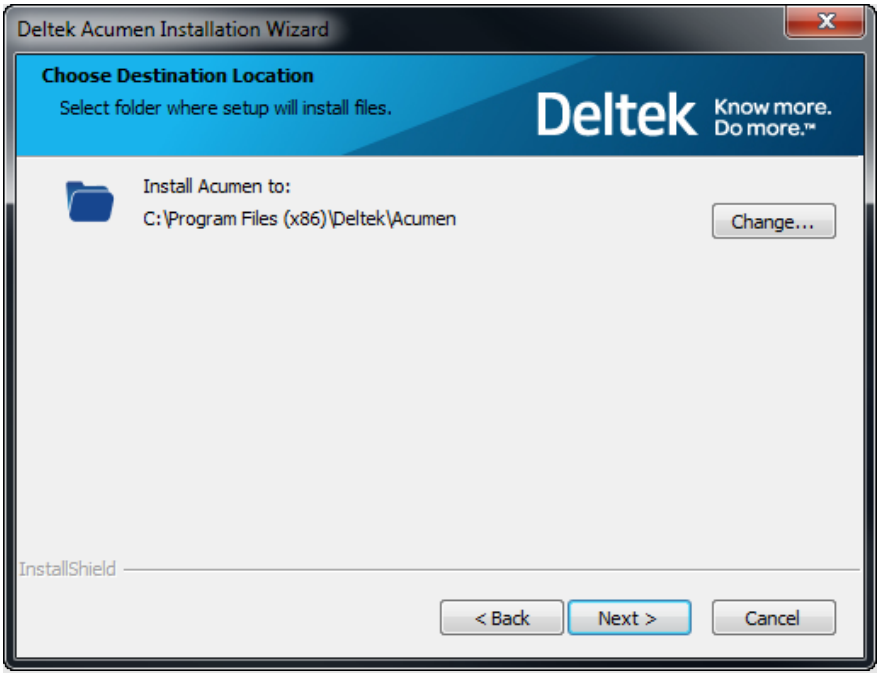
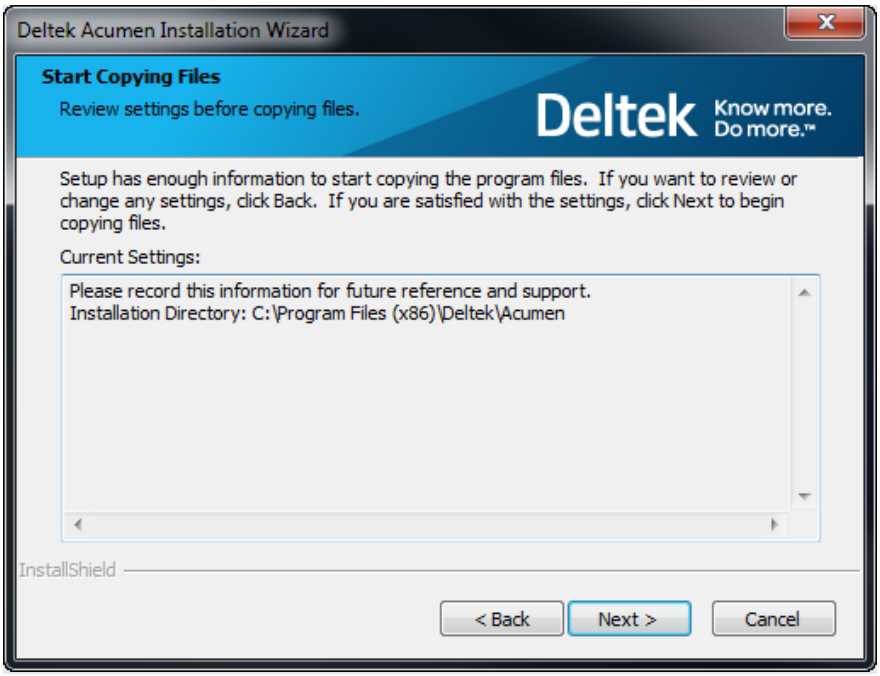
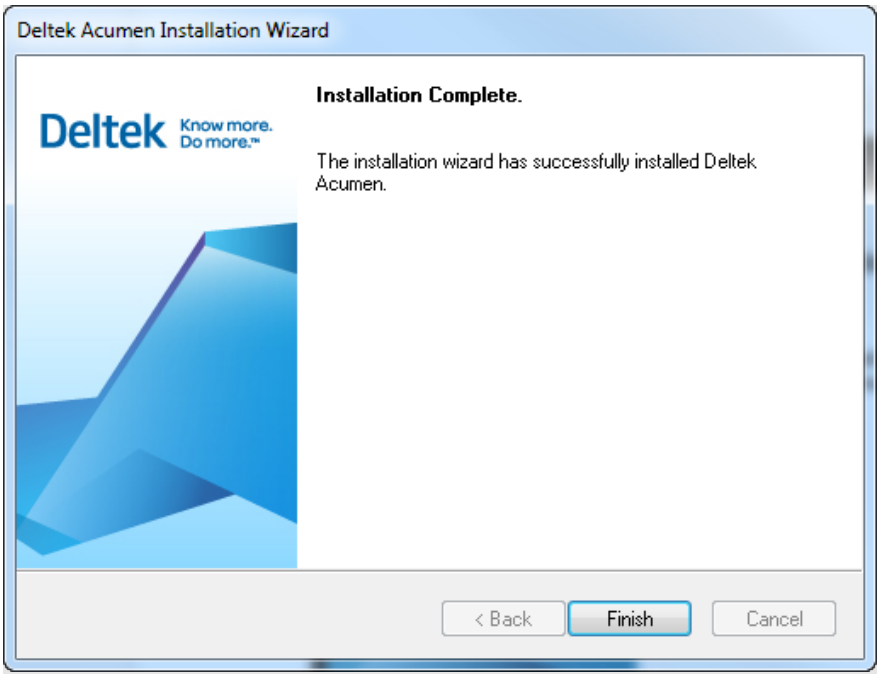
Basic Offline Installation using InstallShield

The following screens display when you perform a typical Acumen installation.






Deltek Acumen Installation Wizard
Start Copying Files
Review settings before copying files.
Deltek
Know more.
Do more.™
Setup has enough information to start copying the program files. If you want to review or change any settings, click Back. If you are satisfied with the settings, click Next to begin copying files.
Current Settings:
Please record this information for future reference and support.
Installation Directory: C:\Program Files (x86)\Deltek\Acumen
InstallShield
< Back
Next >
Cancel


Deltek Acumen Installation Wizard
Deltek
Know more.
Do more.™
Installation Complete.
The installation wizard has successfully installed Deltek Acumen.
< Back
Finish
Cancel

Sample SETUP.ISS file

This section details the responses captured during the installation shown in the previous section. It shows you how the dialog order (DlgOrder) is captured and the user's response for each screen.

SETUP.ISS

[InstallShield Silent]

Version=v7.00

File=Response File

[File Transfer]

OverwrittenReadOnly=NoToAll

[{1DB9E122-FE5F-4A32-9867-FB96692EBDBB}-DlgOrder]

Dlg0={1DB9E122-FE5F-4A32-9867-FB96692EBDBB}-SdWelcome-0

Count=5

Dlg1={1DB9E122-FE5F-4A32-9867-FB96692EBDBB}-SdLicense2Rtf-0

Dlg2={1DB9E122-FE5F-4A32-9867-FB96692EBDBB}-SdAskDestPath2-0

Dlg3={1DB9E122-FE5F-4A32-9867-FB96692EBDBB}-SdStartCopy-0

Dlg4={1DB9E122-FE5F-4A32-9867-FB96692EBDBB}-SdFinish-0

[{1DB9E122-FE5F-4A32-9867-FB96692EBDBB}-SdWelcome-0]

Result=1

[{1DB9E122-FE5F-4A32-9867-FB96692EBDBB}-SdLicense2Rtf-0]

Result=1

[{1DB9E122-FE5F-4A32-9867-FB96692EBDBB}-SdAskDestPath2-0]

szDir=C:\Program Files (x86)\Deltek\Acumen

Result=1

[{1DB9E122-FE5F-4A32-9867-FB96692EBDBB}-SdStartCopy-0]

Result=1

[Application]

Name=Acumen

Version=8.8.0

Company=Deltek

Lang=0409

[{1DB9E122-FE5F-4A32-9867-FB96692EBDBB}-SdFinish-0]

Result=1

bOpt1=0

bOpt2=0

Verification of the Installation

When the installation is complete, a **SETUP.Log** file is created in the location where the .ISS file resides. The name and location can be controlled by additional command line parameters during the installation. See the appendix for usage.

A ResultCode of 0 indicates success.

Sample SETUP.LOG

[InstallShield Silent]

Version=v8.30

File=Log File

[ResponseResult]

ResultCode=0

[Application]

Name=Acumen

Version=8.8

Company=Deltek

Lang=0409

You can find Information on error codes here:

http://helpnet.flexerasoftware.com/installshield21helplib/installshield21helplib.htm#StartTopic=helplibrary/SetupLog.htm

Note: If you click the above link and get a “Page Cannot Be Found” error, copy the link and paste it into your browser.

Acumen Activation

The silent installation does not activate the Acumen software. Activation depends on the type of license purchased for Acumen.

There are several license types (named, server, enterprise, and so on) available. Contact your Acumen sales representative for more information about your license.

Appendix

This appendix includes additional notes that may be helpful in developing a silent installation.

The **setup.exe** files generated with InstallShield inherently support the creation and use of answer files that may be used to silent installation applications. Although it has no logic to handle anything not expected by the answerfile (for example, more or less dialogs, more or less options in a dialog) it can be a helpful means of installation for some applications.

> **Note:** Setup.exe command line parameters are not case sensitive; upper case or lower case letters can be used.
>
> Separate multiple command line switches with a space, but do not put a space inside a command line switch (for example, /r /fInstall.ins is valid, but not /r/f Install.ins).
>
> When using long path and filename expressions with switches, enclose the expressions in double quotation marks. The enclosing double quotes tell the operating system that spaces within the quotation marks are not to be treated as command line delimiters.

The supported switches are as follows:

Switch	Description
/d	Runs setup in debug mode. It also includes a [pathonly] option for specifying the path of the Setup.rul file. For more information, refer to the Visual Debugger help file.
/f [path\CompiledScript]	Specifies an alternate compiled script. Unless the compiled script (.ins file) also resides in the same directory as that of Setup.exe, the full path to the compiled script must be specified. _setup.dll must also reside in the same directory as the .ins file. For example, setup /f test.ins will launch setup using Test.ins instead of Setup.ins.
/f1[path\ResponseFile]	Specifies an alternate location and name of the response file (.iss file). If this option is used when running InstallShield Silent, the response file is read from the folder/file specified by [path\ResponseFile]. If this option is used along with the /r option, the response file is written to the folder/file specified by [path\ResponseFile]. If an alternate compiled script is specified using the /f switch, the /f1 switch entry must follow the /f switch entry.
/f2[path\LogFile]	Specifies an alternate location and name of the log file created by InstallShield Silent. By default, Setup.log log file is created and stored in the same directory as that of Setup.ins. If an alternate compiled script is specified using the /f switch, the /f2 switch entry must follow the /f switch entry.

Switch	Description
/m[filename]	Causes Setup.exe to generate a Management Information Format (.mif) file automatically at the end of the setup. Do not include a path as the .mif file is always placed in the Windows folder. [filename] is optional. If you do not specify a filename, the resulting file is called Status.mif.
/m1[serial number]	Tells setup to place the indicated serial number in the created .mif file.
/m2[locale string]	Tells setup to place the indicated locale in the .mif file. English (ENU) is the default; refer to Microsoft documentation for a complete listing of locale strings.
/r	Causes Setup.exe to automatically generate a silent setup file (.iss file), which is a record of the setup input, in the Windows folder.
/s	Runs InstallShield Silent to execute a silent setup.
/SMS	Prevents a network connection and Setup.exe from closing before the setup is complete. This switch works with setups originating from a Windows NT server over a network. Note that SMS must be uppercase; this is a case-sensitive switch.
/uninst	Runs the setup as an uninstallation without reading the script.
/verbose	Provides more detailed information when a Setup.exe error occurs.

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