

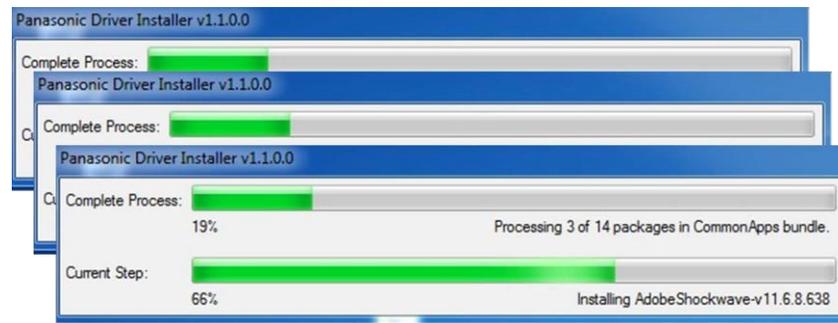
ABOUT TOUGHBOOK BUNDLES

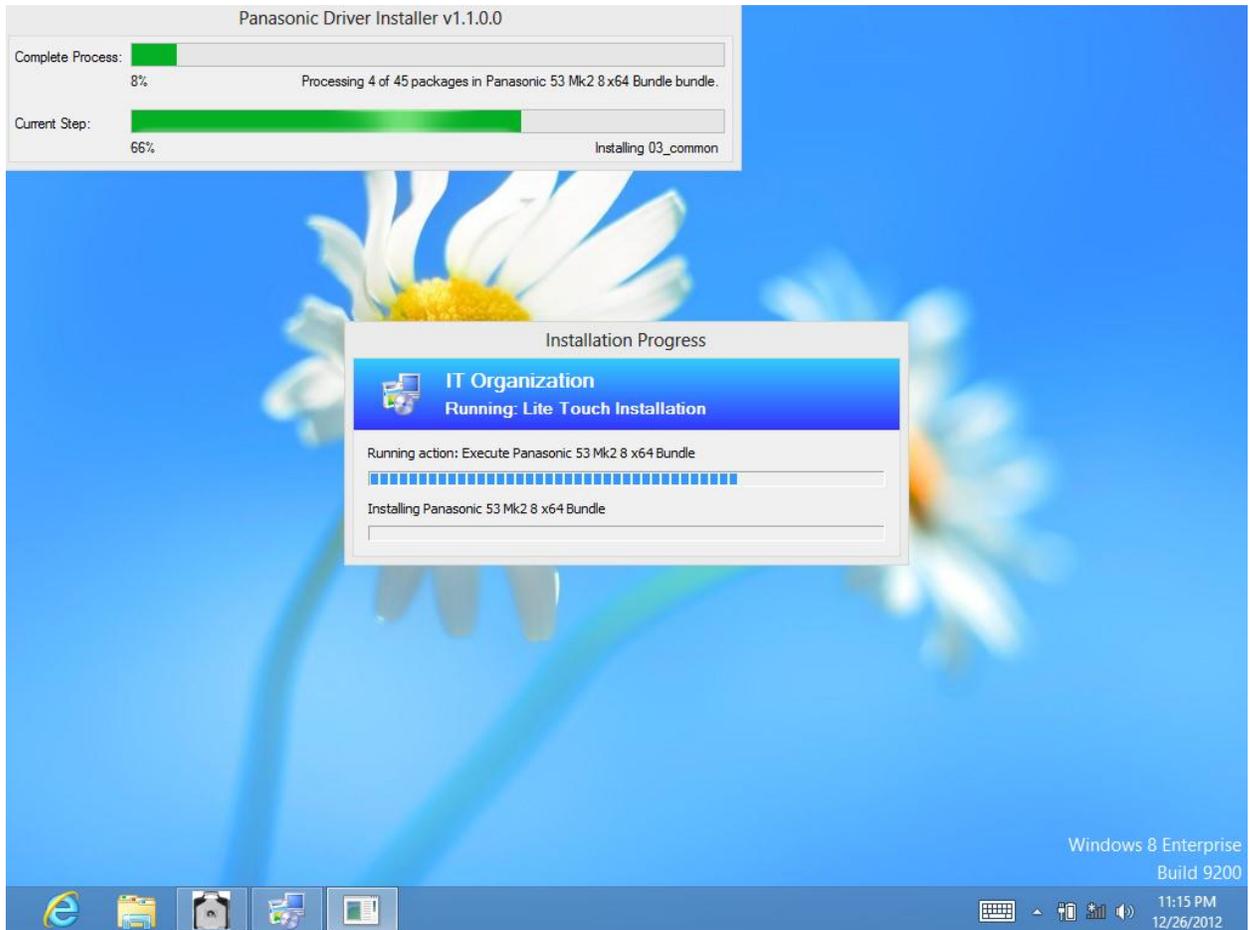
The Bundles were produced to simplify the process of adding Driver and Utility installs for Toughbook laptops. They are self-contained packages that do not call or save data external to the machine running the installation. The only requirement is that they run under admin context.

All latest bundles are posted to the <http://goo.gl/EYtVm5>.

The common Toughbook drivers for WinPE are also available here: <http://goo.gl/N5kLjN>

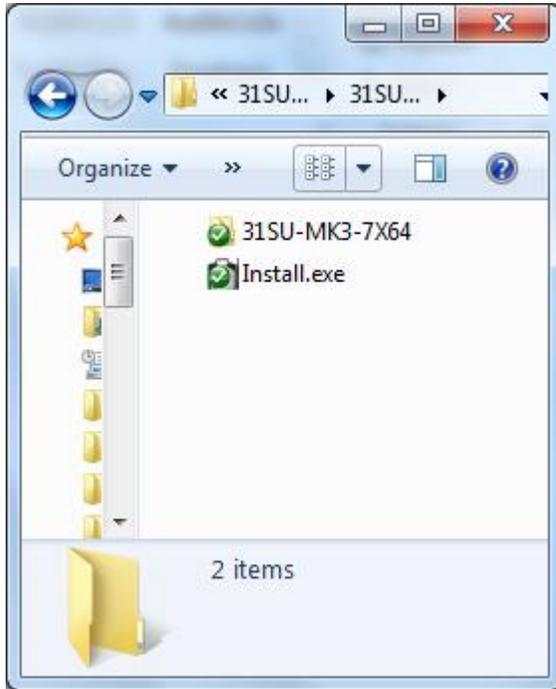
For each Model / Mark a single .EXE file exists, which is a self-extracting executable that sets up a standard SKU machine. It also can be manually extracted using 7-zip archiving software (<http://www.7-zip.org/download.html>).



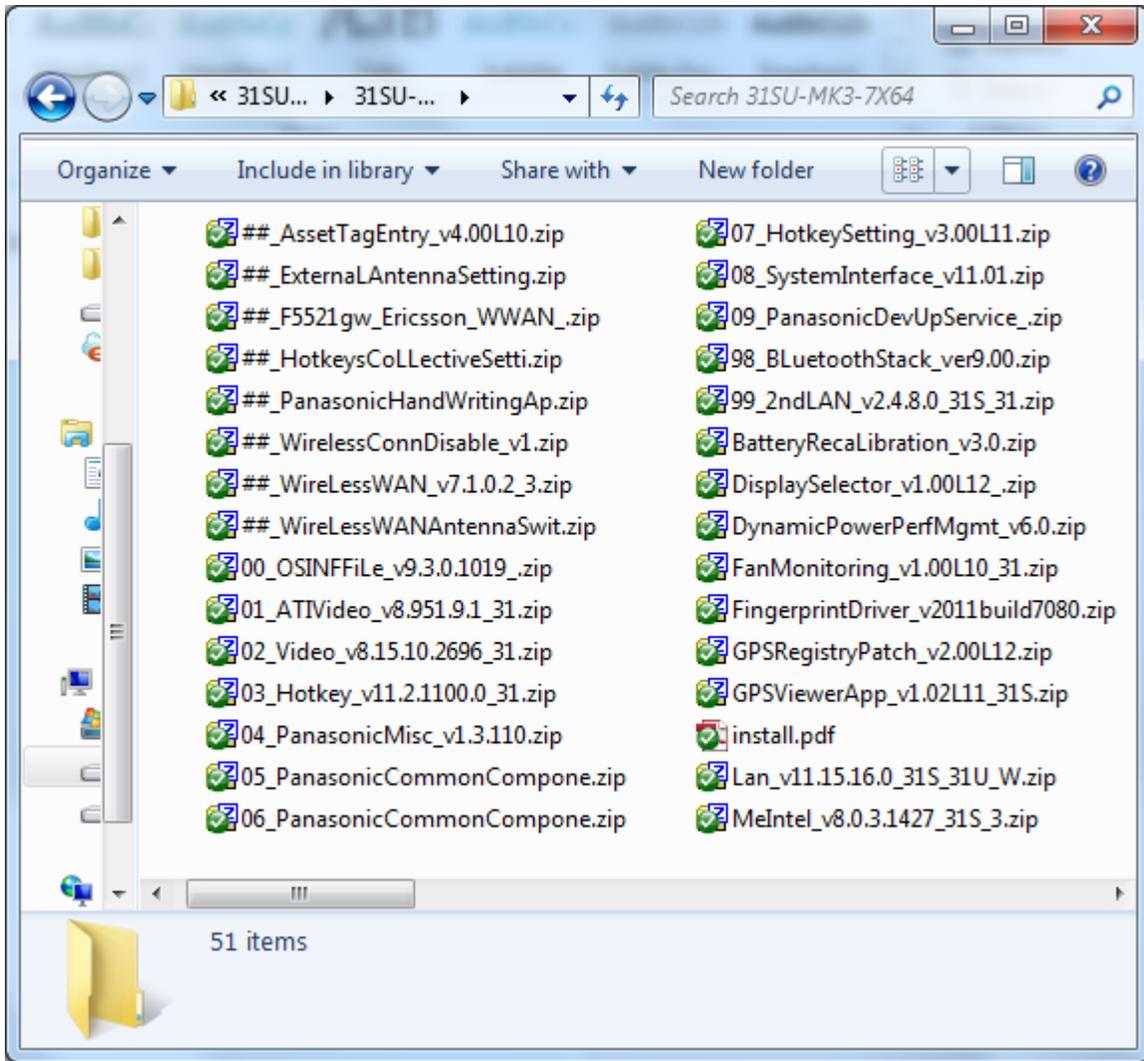


How to adjust settings for the Toughbook Bundles

1. The .EXE files (i.e. 31SU-MK3-7X64.exe) can be executed directly or extracted and adjusted based on custom requirements. 7-zip software is recommended for extracting the package (<http://www.7-zip.org/download.html>).
2. In the extracted folder, a sub-folder with a matching name of the .EXE (i.e. 31SU-MK3-7X64\) should exist alongside another executable named "install.exe".



3. In the sub-folder there should be several .ZIP files. Each .ZIP contains install files for a driver or utility installation. The install.exe program extracts and installs each of these .ZIP archive files alphabetically, with the exception of the archives pre-fixed with “##_”, these installs are optional and skipped by default. This is where the behavior of the bundle can be adjusted. If you wish to install these drivers or utilities, simply remove the “##_” pre-fix and the install will take place.

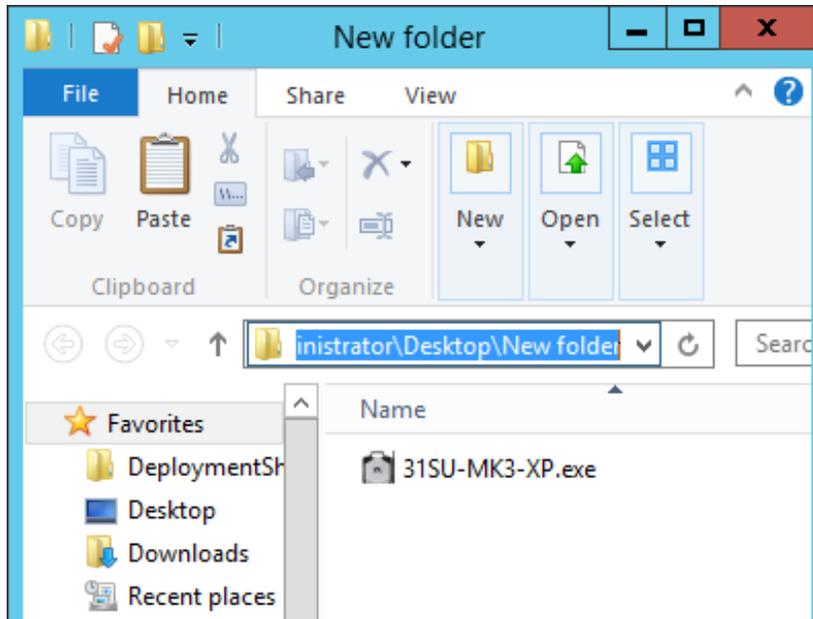


4. Breakdown on Pre-Fix naming in Sub-Folder:

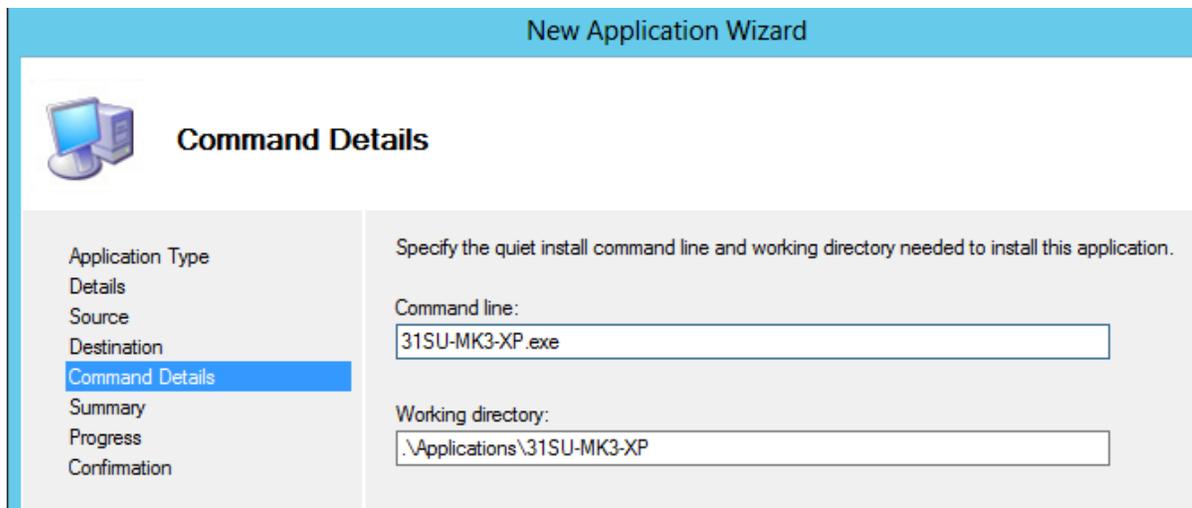
- a. ZIPs beginning with “##_” are **skipped**, if you wish to install these, remove the “##_” pre-fix.
- b. ZIPs beginning with a numeric pre-fix (i.e. “02_”) are installed in a specific order. For example, the “01_” application gets installed before “02_” application.

How to add bundle to MDT 2010/2012

1. Create a temp folder and drop the .EXE into the folder.



2. Add a new “Application with Source Files” from your Deployment Workbench and reference the temp folder as the source Directory.
3. Select the root of the copied folder as the “Source Files” location.
4. Specify the full name of .EXE as the silent install string (i.e. “31SU-MK3-XP.exe”).

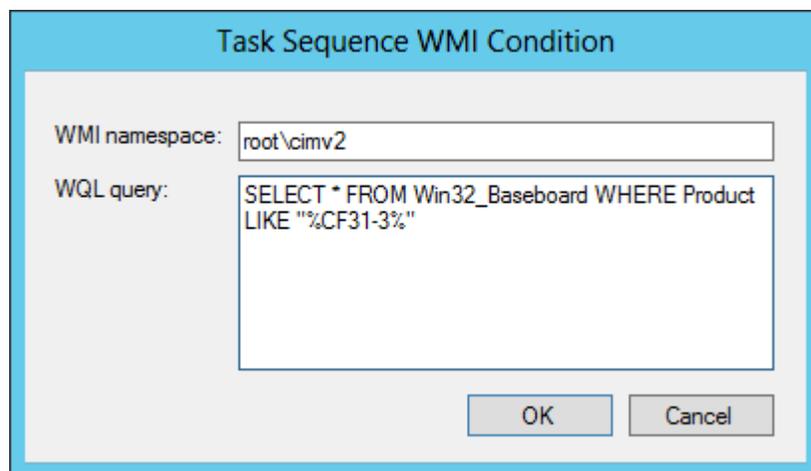
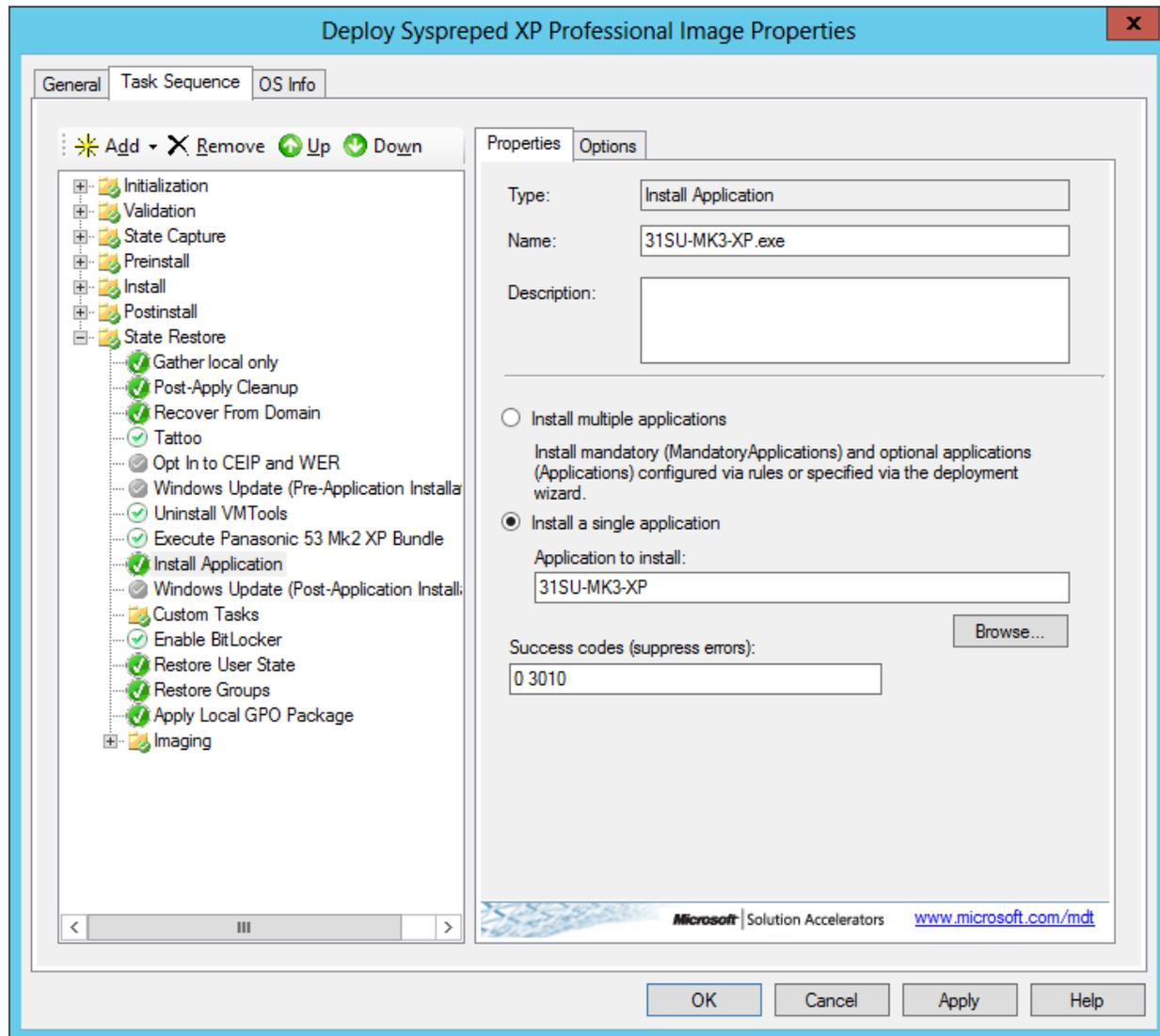


5. Add a new “Install Application” step to your Task Sequence in the “State Restore” phase. From the “Options” tab, set the step to only install the new Application only on the appropriate hardware using a WMI query:

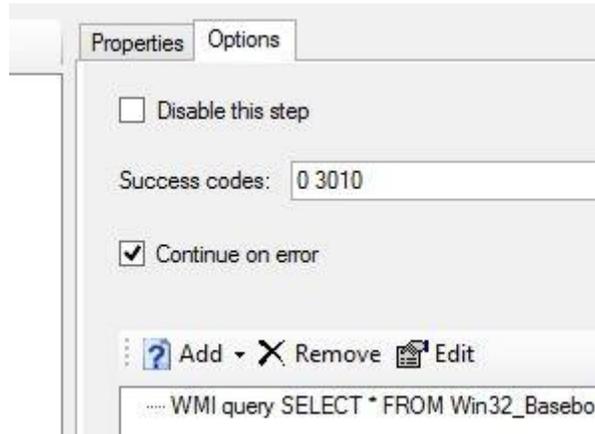
*SELECT * FROM Win32_BaseBoard WHERE Product LIKE "CF31-3%"*

Or

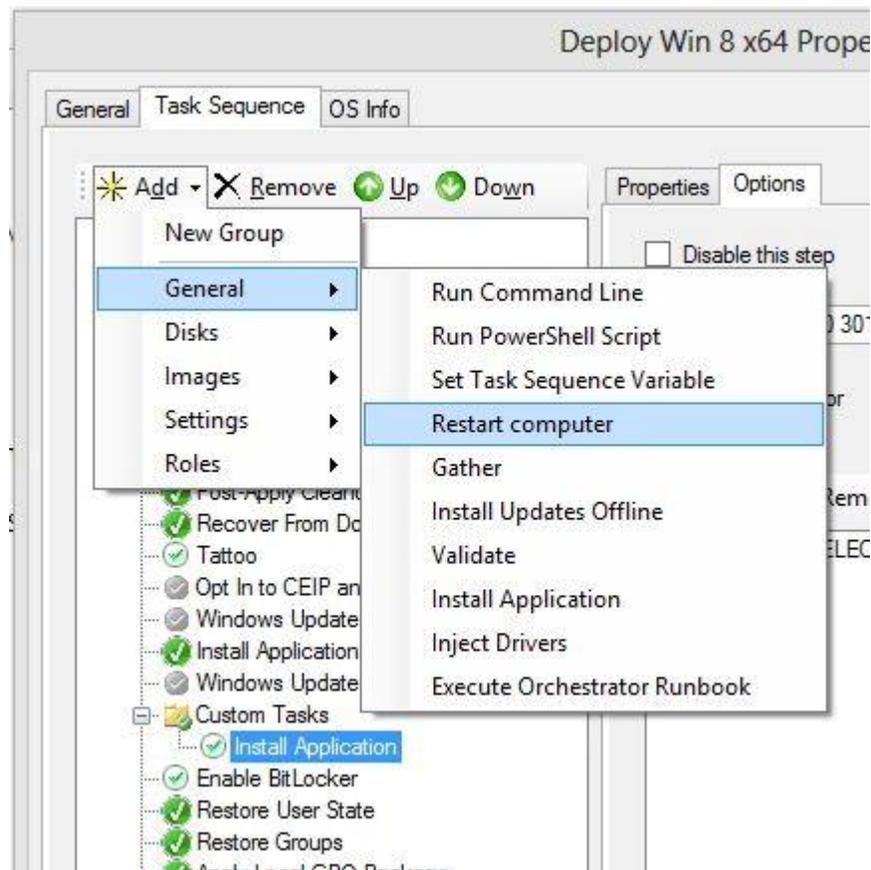
*SELECT * FROM Win32_ComputerSystem WHERE Model LIKE "CF-31S%"*

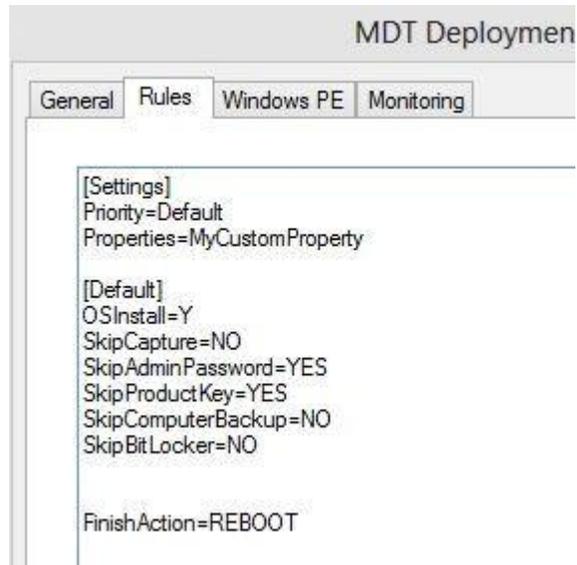


6. During initial testing, set the Task Sequence step to “Continue on Error”.



7. Monitor the “C:\Windows\Temp\Pana..log” to troubleshoot bundle’s install behavior.
8. It is best to also force a restart to take place after the drivers are installed. Either within the Task Sequence using a “Restart Computer” step or by using the “FinishAction” MDT Rule.





How to add bundle to SCCM 2007/2012

1. Copy entire bundle folder to the folder where Source Files are staged in your SCCM package location.
2. Add a new "Package".

Create Package and Program Wizard

Package

Package

Program Type

- Standard Program
- Requirements
- Summary
- Progress
- Completion

Specify information about this package

Enter a name and other details for the new package. To take full advantage of new features that include the Application Catalog, use an application instead.

Name: 31SU-MK3-7X64

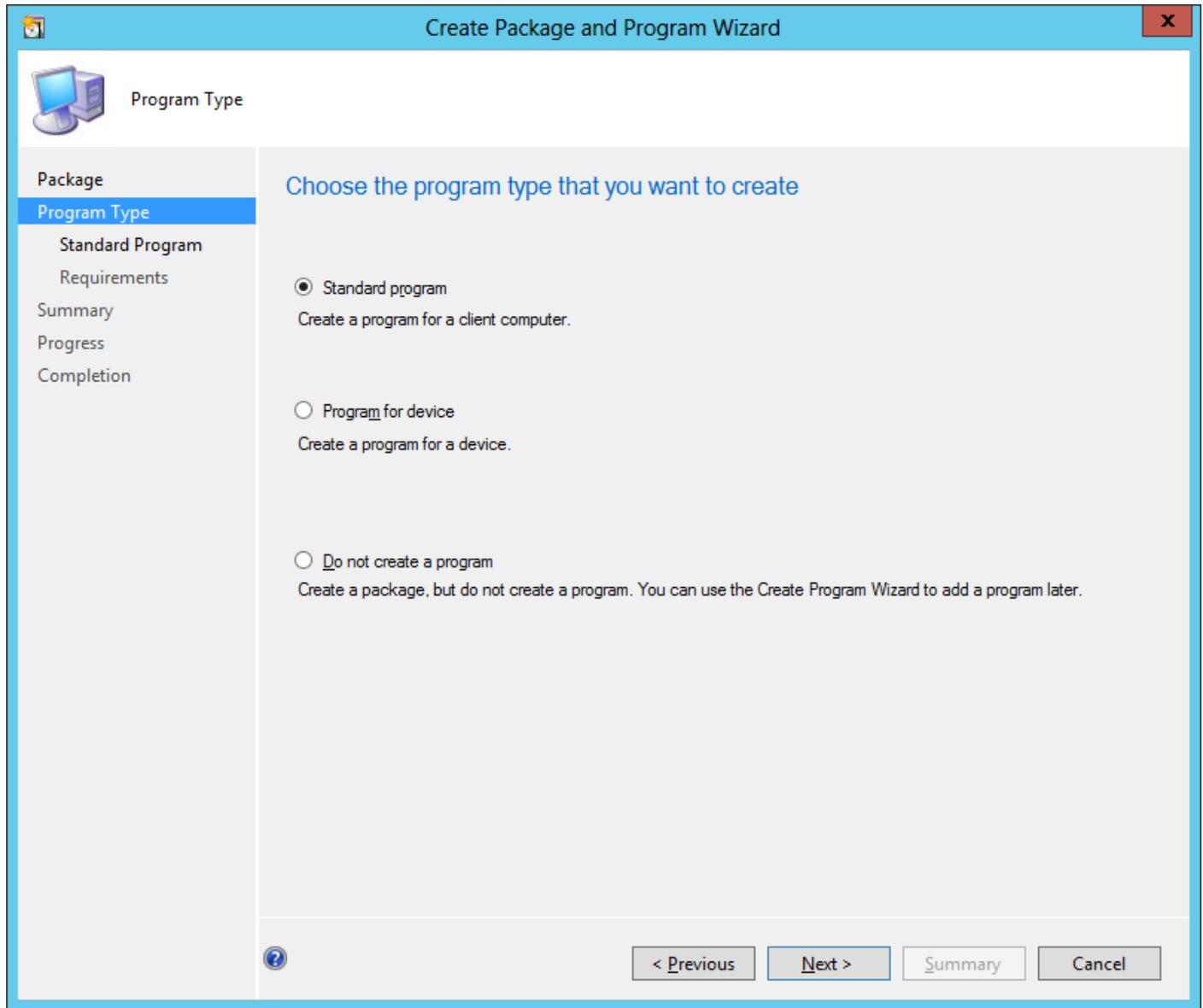
Description:

Manufacturer: Panasonic

Language: English Version: 1.0

This package contains source files

Source folder: \\cm01\PACKAGES\APPLICATIONS\31SU-MK3-7X64



The screenshot shows a Windows-style dialog box titled "Create Package and Program Wizard" with a close button (X) in the top right corner. The main area is titled "Standard Program" and contains a sidebar on the left with the following menu items: "Package", "Program Type", "Standard Program" (highlighted), "Requirements", "Summary", "Progress", and "Completion". The main content area is titled "Specify information about this standard program" and contains the following fields and options:

- Name:** A text box containing "Install".
- Command line:** A text box containing "31SU-MK3-7X64.exe" and a "Browse..." button to its right.
- Startup folder:** An empty text box.
- Run:** A dropdown menu with "Normal" selected.
- Program can run:** A dropdown menu with "Whether or not a user is logged on" selected.
- Run mode:** A dropdown menu with "Run with administrative rights" selected.
- Allow users to view and interact with the program installation**
- Drive mode:** A dropdown menu with "Runs with UNC name" selected.
- Reconnect to distribution point at log on**

At the bottom of the dialog, there is a help icon (question mark) on the left and four buttons on the right: "< Previous", "Next >", "Summary", and "Cancel".

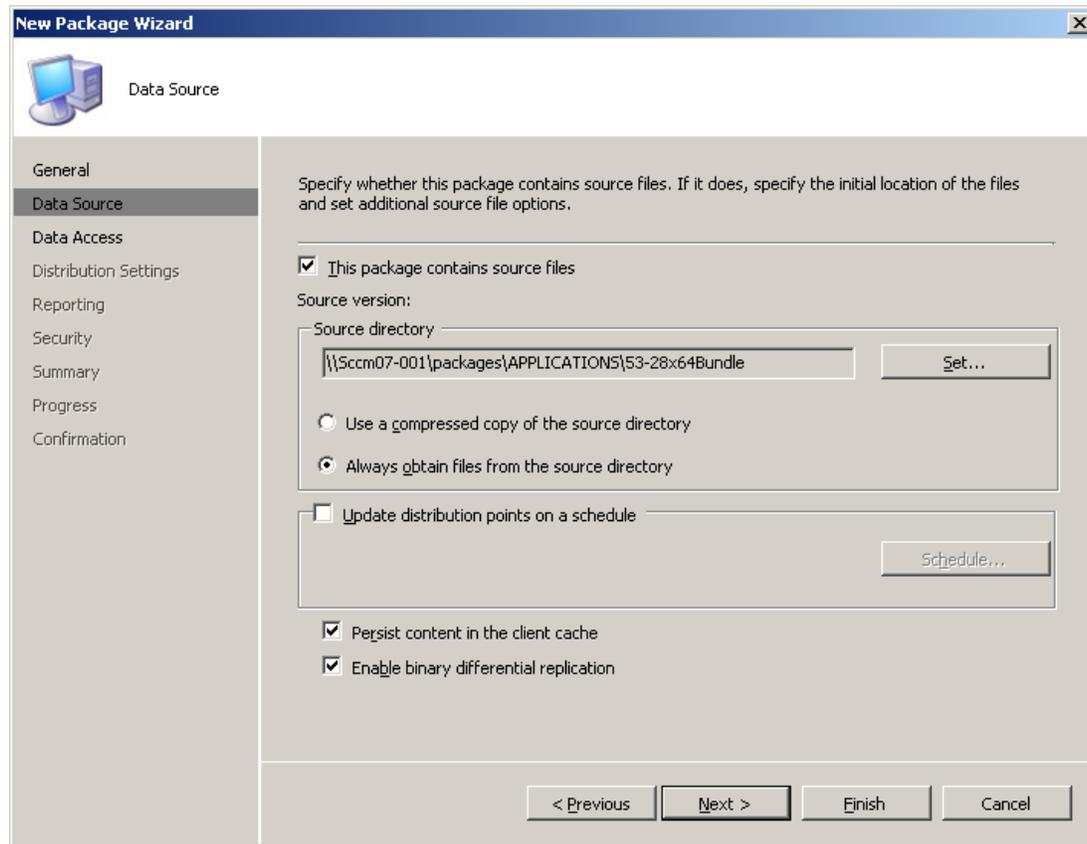
The screenshot shows a Windows Explorer window with the address bar set to `Network > SCCM07-001 > packages > APPLICATIONS > 53-28x64Bundle`. The file list contains:

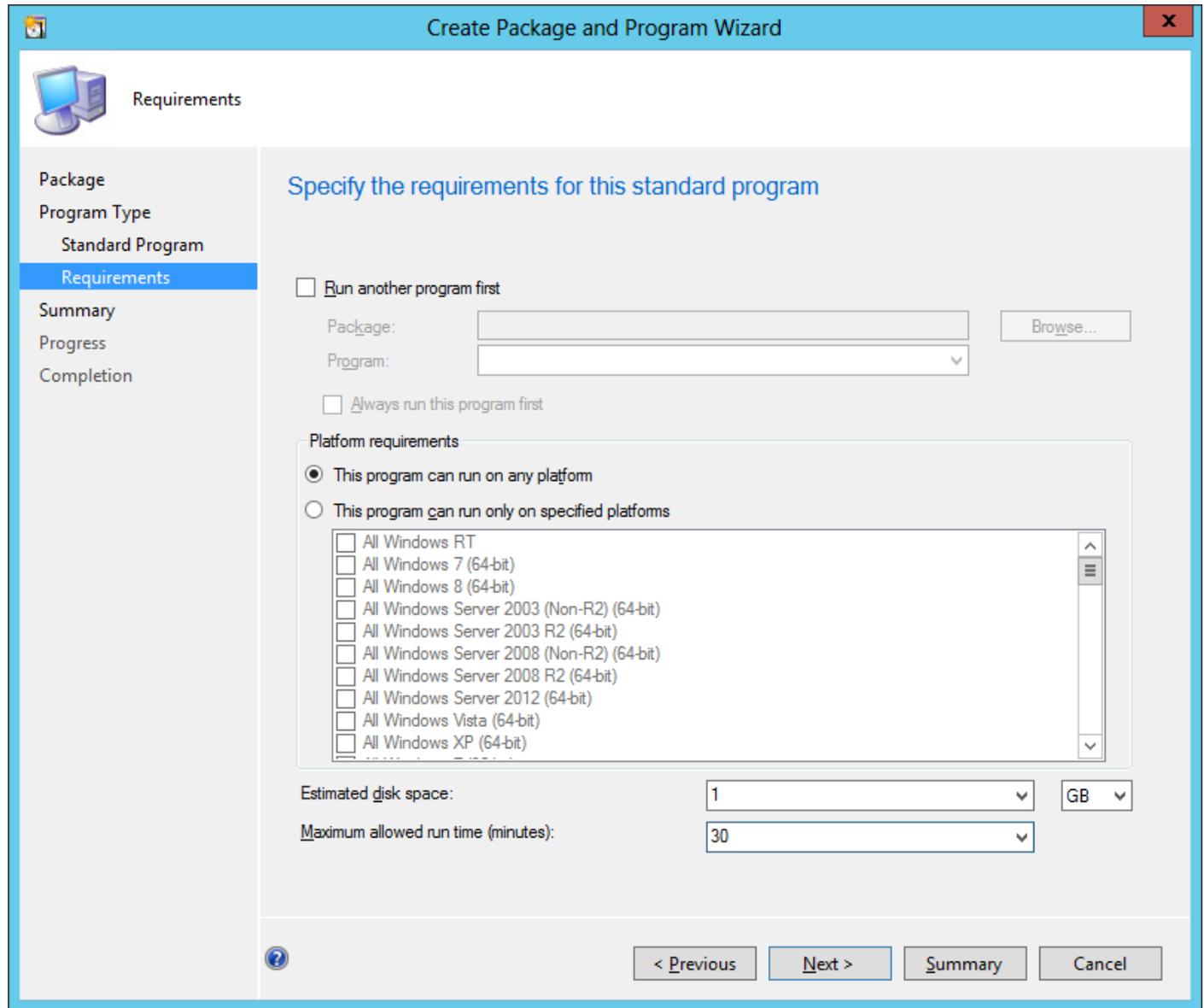
Name	Date modified	Type
src	12/27/2012 12:48 PM	File
Install.exe	12/21/2012 8:23 AM	Ap

Below the Explorer window is the 'Package Wizard' interface. The 'Data Source' section is active, showing options for source directory location:

- Network path (UNC name)
- Local drive on site server

The 'Source directory' field is empty, with a 'Browse...' button next to it. An example path is provided: `Example: \\servername\sharename\path`.



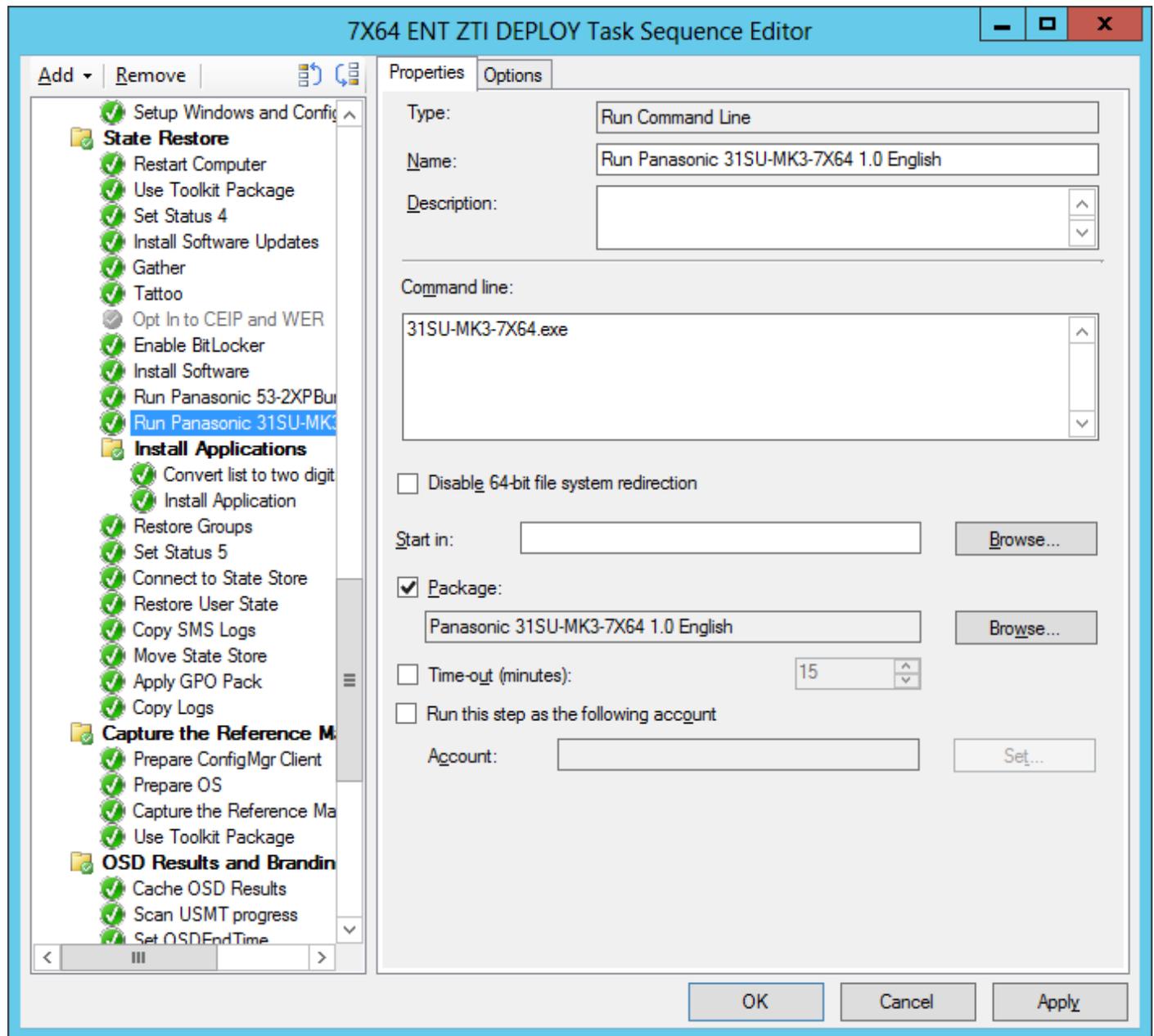


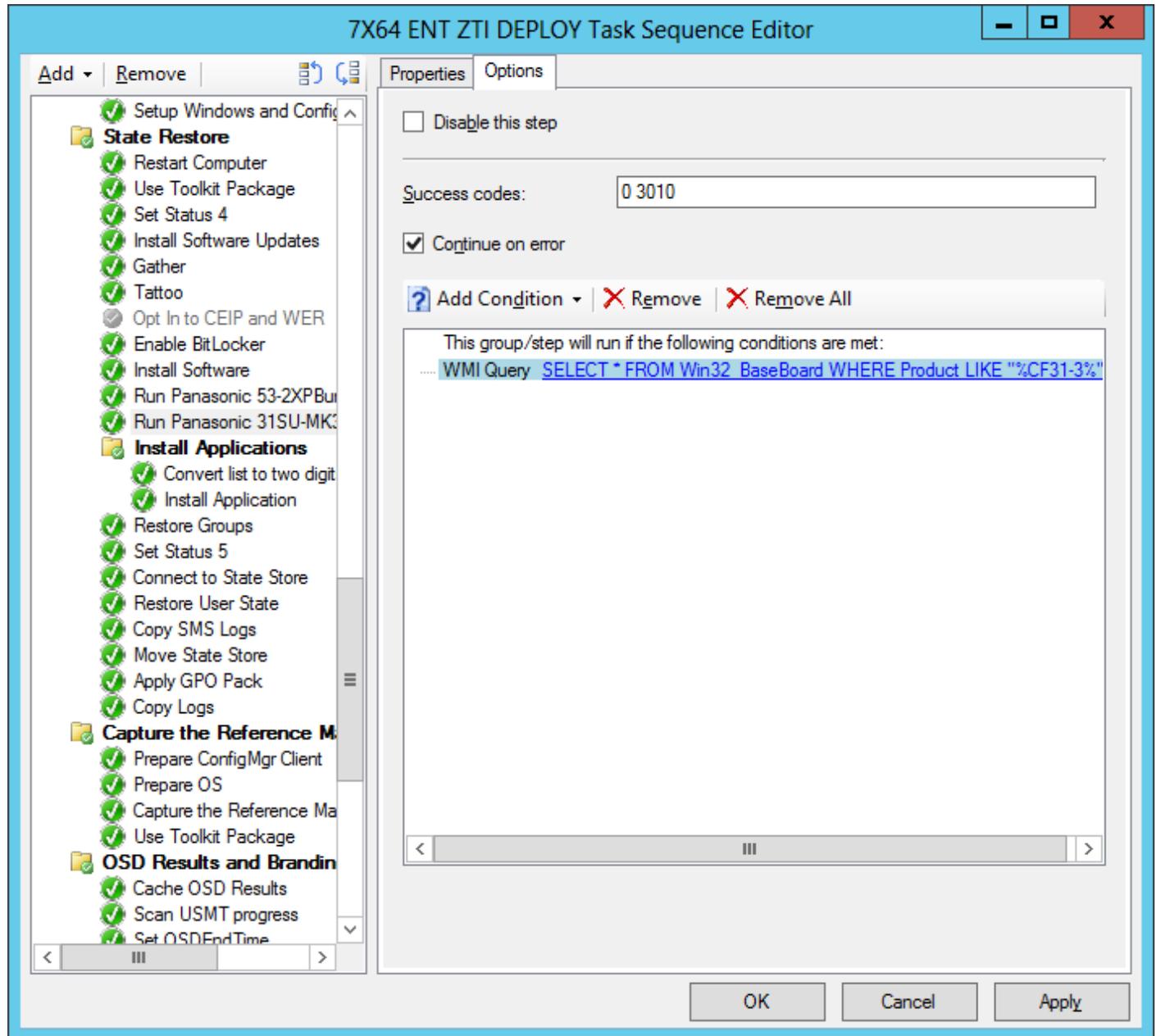
3. Add a new “Run a Command Line” step in the SCCM Deployment Task Sequence and use the added package as the Source Directory. Use the “install.exe” as the command line to execute. Tie a WMI Query to the step using the “Options” tab. Here is an example query for a CF-53A Toughbook laptop.

*SELECT * FROM Win32_BaseBoard WHERE Product LIKE “CF31-3%”*

Or

*SELECT * From Win32_ComputerSystem WHERE Model LIKE “CF-31S%”*

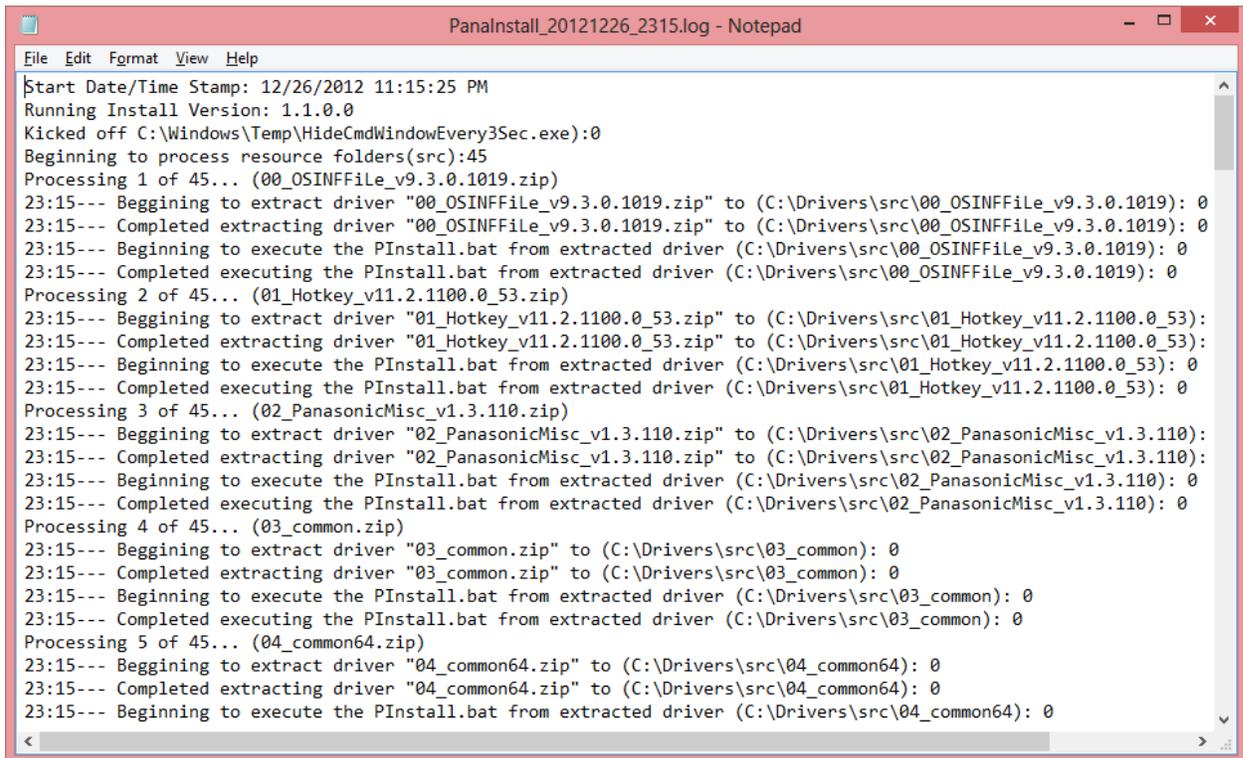




4. During initial testing, set the Task Sequence step to "Continue on Error".

Troubleshooting

1. Logs are stored in the following location "C:\Windows\Temp\Pana...log".
2. For support, contact the group responsible for this resource at imaging@us.panasonic.com.



```
PanalInstall_20121226_2315.log - Notepad
File Edit Format View Help
Start Date/Time Stamp: 12/26/2012 11:15:25 PM
Running Install Version: 1.1.0.0
Kicked off C:\Windows\Temp\HideCmdWindowEvery3Sec.exe):0
Beginning to process resource folders(src):45
Processing 1 of 45... (00_OSINFFile_v9.3.0.1019.zip)
23:15--- Beginning to extract driver "00_OSINFFile_v9.3.0.1019.zip" to (C:\Drivers\src\00_OSINFFile_v9.3.0.1019): 0
23:15--- Completed extracting driver "00_OSINFFile_v9.3.0.1019.zip" to (C:\Drivers\src\00_OSINFFile_v9.3.0.1019): 0
23:15--- Beginning to execute the PInstall.bat from extracted driver (C:\Drivers\src\00_OSINFFile_v9.3.0.1019): 0
23:15--- Completed executing the PInstall.bat from extracted driver (C:\Drivers\src\00_OSINFFile_v9.3.0.1019): 0
Processing 2 of 45... (01_Hotkey_v11.2.1100.0_53.zip)
23:15--- Beginning to extract driver "01_Hotkey_v11.2.1100.0_53.zip" to (C:\Drivers\src\01_Hotkey_v11.2.1100.0_53):
23:15--- Completed extracting driver "01_Hotkey_v11.2.1100.0_53.zip" to (C:\Drivers\src\01_Hotkey_v11.2.1100.0_53):
23:15--- Beginning to execute the PInstall.bat from extracted driver (C:\Drivers\src\01_Hotkey_v11.2.1100.0_53): 0
23:15--- Completed executing the PInstall.bat from extracted driver (C:\Drivers\src\01_Hotkey_v11.2.1100.0_53): 0
Processing 3 of 45... (02_PanasonicMisc_v1.3.110.zip)
23:15--- Beginning to extract driver "02_PanasonicMisc_v1.3.110.zip" to (C:\Drivers\src\02_PanasonicMisc_v1.3.110):
23:15--- Completed extracting driver "02_PanasonicMisc_v1.3.110.zip" to (C:\Drivers\src\02_PanasonicMisc_v1.3.110):
23:15--- Beginning to execute the PInstall.bat from extracted driver (C:\Drivers\src\02_PanasonicMisc_v1.3.110): 0
23:15--- Completed executing the PInstall.bat from extracted driver (C:\Drivers\src\02_PanasonicMisc_v1.3.110): 0
Processing 4 of 45... (03_common.zip)
23:15--- Beginning to extract driver "03_common.zip" to (C:\Drivers\src\03_common): 0
23:15--- Completed extracting driver "03_common.zip" to (C:\Drivers\src\03_common): 0
23:15--- Beginning to execute the PInstall.bat from extracted driver (C:\Drivers\src\03_common): 0
23:15--- Completed executing the PInstall.bat from extracted driver (C:\Drivers\src\03_common): 0
Processing 5 of 45... (04_common64.zip)
23:15--- Beginning to extract driver "04_common64.zip" to (C:\Drivers\src\04_common64): 0
23:15--- Completed extracting driver "04_common64.zip" to (C:\Drivers\src\04_common64): 0
23:15--- Beginning to execute the PInstall.bat from extracted driver (C:\Drivers\src\04_common64): 0
```