

Scanner Update Utility

These Release Notes are available from Start button / All Programs / Zebra Scanner / Scanner Update Utility

Description

Executive Overview

The Scanner Update Utility is a Windows based software tool that enables a Zebra scanner to have its firmware and or parameter settings updated by an untrained user.

Product Description

1. The Scanner Update Utility provides the following upgrade options
 - a. Update only Firmware.
 - b. Update both Firmware + Parameter Settings.
2. Which upgrade option is executed is determined by which file (s) is present in the Windows “...\\Downloads\\Zebra Scanner Update Utility” folder.
 - a. If only a 123Scan plug-in (.scnplg file which contains the scanner firmware) is in the “...\\Downloads\\Zebra Scanner Update Utility” folder, only firmware is loaded to the scanner.
 - b. If both a 123Scan plug-in (.scnplg) and 123Scan configuration (.scncfg) file are present in the “...\\Downloads\\Zebra Scanner Update Utility” folder, both the scanner’s firmware and parameter settings will be updated.

Note 1. If two similar type files are in the Window’s “...\\Downloads\\Zebra Scanner Update Utility” folder **before** launching the utility, the utility will abort the update process. For example, if you just launched the utility and two plug-ins are in the “...\\Downloads\\Zebra Scanner Update Utility” folder, the update process will be aborted.

Note 2. If a second plug-in or configuration file is placed in the “...\\Downloads\\Zebra Scanner Update Utility” folder **after** the utility is launched, the newer (second file) will not be detected until the utility is closed and relaunched.

Note 3. After loading this utility, a file (plug-in and or configuration) can be imported into the Windows “...\\Downloads\\Zebra Scanner Update Utility” folder by double clicking on the file, for example from within an email.

3. By default, the utility will only access a file(s) from the Windows “...\\Downloads\\Zebra Scanner Update Utility” folder (C:\\Users\\<Current User>\\Downloads\\Zebra Scanner Update Utility). For Windows XP user's utility will only access a file(s) from “My Documents” folder (C:\\Documents and Settings\\<Current User>\\My Documents).

If a customer wishes to load file(s) to a different destination folder, they can add a reg key into the location called out below. The reg key sets the path of the new custom destination folder.

- a. Key location "[HKEY_LOCAL_MACHINE\SOFTWARE\Zebra\Zebra Scanners\ScannerUpdateUtility]"
 - b. Key name "DownloadFolderPath"
 - c. Key type "String"
4. The scanner must be connected to the computer using a USB cable. Once the update process has been initiated, the scanner's USB cable cannot be unplugged until the process is completed.
 5. Only one scanner can be connected to the computer at a time. If more than one scanner is connected to the computer, the update process will be aborted.
 6. The utility can be deployed to a production environment using a silent installation process. For details see the installation section, below.
 7. 123Scan files can be accessed from a PC with 123Scan loaded.
 - a. A 123Scan plug-in (.scnplg) can be accessed from C:\ProgramData\123Scan2\Plug-ins
 - b. A 123Scan configuration (.scncfg) file can be accessed from C:\Users\Public\Documents\123Scan2

Release Notes

This document summarizes the following software releases:

Software Version Number	Release Date
v1.0.10	October 2017
v1.0.3	November 2016
v1.0.0	July 2016

Components

The components are installed in the following folders:

Default location = C:\Program Files\Zebra Technologies\Barcode Scanners\ScannerUpdateUtility

Minimum PC Requirements

Hardware Requirements

- Pentium Dual-Core E214 1.6GHz or Pentium Mobile Dual-Core T2060 or Pentium Celeron E1200 1.6GHz
- 2GB RAM 1.2 GB free hard drive space

- USB port, 1.1 or higher, for the connection of USB Scanners

Software and Operating System Requirements

- Supported Operating Systems
 - Windows XP SP3 (32 bit)
 - Windows 7 (32 bit/64 bit)
 - Windows 8/8.1 (32 bit/64 bit)
 - Windows 10 (32 bit/64 bit)
- If not present, Microsoft .NET Framework 4.0 client profile will be loaded at time of initial ScannerUpdateUtility installation
- Minimum display resolution = 1024 by 768 pixels

Installation – Lab Environment

Scanner Update Utility can be launched from the Windows XP / 7 Start button.

- Start / All Programs / Zebra Scanner / ScannerUpdateUtility

Scanner Update Utility can be launched using Windows 8+ from Start Screen

- Start Screen / Apps / Zebra Scanner / ScannerUpdateUtility

Installation – Production Environment

Silent (Unattended) Installation of the Scanner Update Utility

The CoreScanner driver bundle with Scanner Update Utility require the Microsoft 2012 C++ Redistributable Package which is automatically installed if it does not exist on the host PC. When performing a silent (unattended) installation, a complication may arise if the Microsoft 2012 C++ Redistributable Package is not pre-installed. In this case, the installation software will automatically trigger a reboot.

To avoid this complication, Microsoft 2012 C++ Redistributable Package can be downloaded from Microsoft and installed silently by suppressing the reboot using the command line switch `/install /quiet /norestart`. The appropriate file `vc_redist_x86.exe` (32-bit version) or `vc_redist_x64.exe` (64-bit version) must be selected and downloaded.

```
vc_redist_x86.exe /install /quiet /norestart  
or  
vc_redist_x64.exe /install /quiet /norestart
```

The required reboot must be performed at the end of the overall installation.

The Scanner Update Utility is bundled with the silent installer response files (“setup.iss” for the installation and “uninstall.iss” file for the uninstallation). The following example uses -r and -f1 switches to record your response file if required.

```
“Zebra_Scanner_Update_Utility(32bit)_v1.0x.00xx.exe” -r -f1”C:\<path>\customesetup.iss”
```

Note that there is no space between -f1 and first quotation mark of the custom response path.

The next example shows how the -s switch uses the response file that was created previously to perform the silent installation.

```
“Zebra_Scanner_Update_Utility(32bit)_v1.0x.00xx.exe” -s -f1”C:\<path>\customesetup.iss”
```

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