



RELEASE NOTES

WBF SPI DRIVERS (WBFSPi)

WINDOWSEDITION REVISION

4.8.45.01

SENSORS SUPPORTED

This release of the WBF Drivers and DLL Kit (WBFDDK) for Microsoft Windows® supports the Following Validity Sensors models:

VFS 6101

SOFTWARE

This release is compatible with 32-bit & 64-bit versions of Windows® 8.1

Validity Sensors Programs and Features version is **4.8.45.01**

Validity Sensors software build version is **4.8.45.01**

“vcsWBFEngineAdapter.DLL” file version is **4.8.45.01**

FIRMWARE

The firmware version is hardware dependent.

VFS6101

The firmware version for VFS6101 sensors is 4.52.

DEVICE DRIVER

VFS6101

The device driver version is **4.8.45.01** and is dated **12/13/2013**.

WBF_SPI_DDK_4_8_45_01

See Enhancements and Errata History below for cumulative changes.

ENHANCEMENTS

1. Changes to keep sensor in low power mode, when there is no active fingerprint request
2. Included VFS6101 WBF SPI WHQL Drivers for windows 8.1 x86 OS.

ENHANCEMENTS AND ERRATA HISTORY

WBF_SPI_DDK_4_8_34_01

ENHANCEMENTS

1. Supports Extended Enrollment Matcher (EEM)

INSTALLING AT THE COMMAND PROMPT

The `WBF_SPI_DDK_Extended_Setup.exe` can be run from the Windows command prompt. Command prompt installation allows options, such as silent install or log file creation, to be selected. To install the WBF drivers and DLLs from the command prompt, first ensure you are running as an administrator or the command prompt window has administrator rights. A command window can then be open.

`"WBF_SPI_DDK_Extended_Setup.exe /s"` will install in silent mode.

If this is a Clean install, you can run the EXE and create a log file.

`"WBF_SPI_DDK_Extended_Setup.exe /l* c:\validity_install.log"`

You can uninstall the software and create a log file using the EXE:

`"WBF_SPI_DDK_Extended_Setup.exe /l* c:\validity_uninstall.log /x"`

Command line switches:

- `/s` silent mode - no prompts
- `/l*` log MSI actions to the specified file
- `/x` uninstall the software

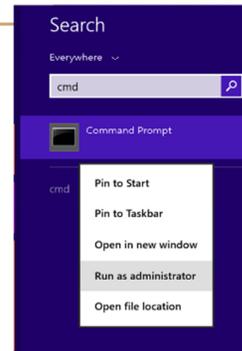
USING "RUN AS ADMINISTRATOR" IN WINDOWS 8.1

While Installing Validity drivers in windows 8.1 or 8 Command Prompt window, the "Run as administrator" option must be chosen

To do this:

- 1) Left Click on the Windows logo on the lower left of the screen:





- 2) Start typing Command or cmd then Search will start automatically
- 3) Right Click on 'Command Prompt' and select 'Run as Administrator':
- 4) Route to the folder for `WBF_SPI_DDK_Extended_Setup.exe` and then run the commands as shown above: Example: "`WBF_SPI_DDK_Extended_Setup.exe /s /!* c:\validity_install.log`"

The AES algorithm used by Validity Sensors is derived from Dr. Brian Gladman's AES code <http://gladman.plushost.co.uk/oldsite/AES>

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FURTHER SUPPORT

If you need further assistance or clarification about anything in this document, please contact an applications engineer at Validity Sensors.

Email: support@validityinc.com

United States toll-free: (877)733-8833

International customers: Please contact your area representative.

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