

eSettings Management V2 Release Notes

1. Product Release Information

Product Name: eSettings Management V2

Release Number: V2.03.2017

Release Date: June 2, 2006

Customer Support: Christian Huang

2. Introduction

This document contains the release notes for eSettings Management V2. The following sections describe the release in detail and provide late-breaking or other information that supplements the main documentation.

3. What's New

- 2.03.2017, June 2, 2006

- i. Issues Solved

- 1. CHANGE: BIOS password input character set updated to accept special characters

- (a) Procedure

- 1) Launch toolbar
 - 2) Open eSettings
 - 3) Open BIOS passwords page
 - 4) Create a password with the following characters " – =] [; . , \ / "
 - 5) Invalid character error

- (b) Root cause:

- 1) The characters were invalid

- (c) Solution

- 1) Add characters to valid set

- (d) Code Reviewed by: Rebecca

- 2. FIX: (Desktop) Monitoring threshold change is honored now.

- (a) Procedure:

- 1) Launch toolbar
 - 2) Open eSettings
 - 3) Open Monitoring Page, switch to temperature page, modify threshold

- 4) Close tool bar
- 5) Repeat step 1-3, modified threshold is not kept.
- (b) Root cause:
 - 1) New threshold information was not updated to ui.
- (c) Solution:
 - 1) Properly update ui.
- (d) Code Reviewed by: Rebecca
3. CHANGE: (Desktop) Threshold.xml location change
 - (a) The file will now be installed in BaseFolder.
4. FIX: exception when no network card is installed
 - (a) Procedure:
 - 1) Launch toolbar
 - 2) Open eSettings
 - 3) Switch to network tab
 - 4) If no network adapter is enabled, exception happens
 - (b) Root cause:
 - 1) A null reference was not handled
 - (c) Solution:
 - 1) Check null reference
 - (d) Code Reviewed by: Rebecca.
- ii. Known issues
 1. When multiple users are logged in, only the first logged in user will see Video information. This is WMI limitation

4. Minimum System Requirements

System Processor: Intel or AMD IA32 processor

System Memory: 256MB+ (512MB+ recommended)

Free Disk Space: 20MB+

Operating System: Microsoft Windows XP

Networking: None required

Existing Software: .NET Framework 1.1

Empowering Technology Framework

5. Installation and Upgrade Notes

- Installation

Run eSettings Management V2 installer package to install all necessary binaries.

- Manifest

This release consists of the following items:

- i. Release Note
- ii. eSettings Management V2 installer (eSettings-V2.03.2016-20060510.exe)

6. Version History

- 2.03.2016, May 12, 2006

- i. Issues Solved

1. FIX: Typo, RC410ME string when click ok button , system
2. FIX: Monitoring page stops working after closing and re

opening

(a) Procedure:

- 1) Launch toolbar
- 2) Open eSettings
- 3) Switch to monitoring page
- 4) Close eSettings, repeat step 2 and 3
- 5) Readings are no longer updated

(b) Root cause:

- 1) Event chain is broken after closing page

(c) Solution

- 1) Correctly connect event chain

(d) Code Reviewed by: PJ, Rebecca

3. FIX: 64bit OS limited user account issue

(a) Procedure

- 1) Log in as limited user
- 2) Launch ETF
- 3) Open eSettings, no data is displayed

(b) Root cause:

- 1) In 64 bit XP, Performance Counter and win32_diskdrive class has different behaviour than 32bit and caused error

(c) Solution:

- 1) Handle error condition

(d) Code Reviewed by: PJ, Rebecca

4. FIX: Added error handling when Performance counter registry is corrupt

(a) Procedure:

- 1) Launch Toolbar
- 2) Open eSettings

- 3) No data is displayed
- (b) Root cause: the performance counter cannot be read due to corrupt registry
- (c) Solution
 - 1) Handle error condition
 - 2) No information will be shown for the performance counter
- (d) Code Reviewed by: PJ, Rebecca
- 5. FIX: (Desktop) Added PCI ID entry for Husky
- 6. FIX: (Desktop) ITE chip library has div by zero error
 - (a) Procedure:
 - 1) Launch toolbar
 - 2) Open eSettings
 - 3) Monitoring page doesn't work properly
 - (b) Root Cause:
 - 1) A divide by zero exception is generated by ITE chip library
 - (c) Solution
 - 1) Handle chip library exception.
 - (d) Code Reviewed by: PJ, Rebecca
- 7. FIX: (Desktop) ITE chip component has wrong type cast
 - (a) Procedure:
 - 1) Launch toolbar
 - 2) Open eSettings
 - 3) Open Monitoring Page, switch to voltage view, wrong voltage is displayed
 - (b) Root cause:
 - 1) Wrong type cast when getting information cause data truncation
 - (c) Solution:
 - 1) Correct typecast
 - (d) Code Reviewed by: PJ, Rebecca

- 2.03.2015, April 20, 2006

- i. Issues Solved

- 1. FIX: Issue 0058: No error handling & checking to avoid the user by Manual Install the eSetting AP(full / lite) version to Veriton or AcerPower model.

- (a) Procedure:

- 1) Install eSettings withouth lite parameter

- (b) Solution:

1) we check machine product name on desktops for the following string "Veriton"

(c) Code Reviewed by: Christian Huang

2. Fix: Myall2, French OS install, eSettings fails to display data

(a) Procedure:

- 1) Launch Framework toolbar
- 2) Launch eSettings, this fails

(b) Root Cause:

- 1) when getting information from WMI repository, path name from French OS contains invalid character, causing exception.

(c) Solution:

- 1) properly quote invalid characters.

(d) Code Reviewed by: Christian Huang.

- V2.03.2014 April 14, 2006

i. Issues Solved

1. FIX: remove small white window.
2. FIX: force refresh when data is loaded to system information

- V2.03.2013 April 11, 2006

i. Issues Solved

1. FIX: add range check in boot option page to avoid issues when the control returns invalid input.
2. FIX: set eSettingsConfig.xml islite to true
3. FIX: add length check when parsing SMBIOS structures

- V2.03.2012 April 4, 2006

i. Issues Solved

1. ADD: 64 bit support
2. FIX: handle Desktop bios boot sequence not properly terminated issue.

- V2.03.2011 March 31, 2006

i. Issues Solved

1. CHANGE: Modify lanscope monitoring to use messages
2. FIX: when no video driver is installed, handle it gracefully.

- V2.03.2010 March. 28, 2006

i. Issues Solved

1. CHANGE: Wording changes, capitalization rule update
2. CHANGE: HyperThreading and DualCore status is now hidden if disabled
3. CHANGE: Serial / IR/ Parallel port is hidden if disabled

4. CHANGE: WMI Event handling implementation changes.
 5. CHANGE: Memory slot with 0 byte is displayed as not installed now.
 6. CHANGE: TVicPort
- V2.03.2009 March 15, 2006
 - i. Issues Solved
 1. CHANGE: Modem changes are now detected, network information page is updated automatically
 2. CHANGE: Audio changes are now detected, audio information page is updated automatically
 3. CHANGE: Video changes are now detected, video information page is updated automatically
 - V2.03.2008 March 13, 2006
 - i. Issues Solved
 1. FIX: Chipset name update
 2. FIX: Filter out 1394 network adapter information
 - V2.03.2007 March 6, 2006
 - i. Issues Solved
 1. FIX: Chipset name update
 - V2.03.2006 March 5, 2006
 - i. Issues Solved
 1. FIX: WMI HDD detection routine, limited account issue.
 2. FIX: Set max input limit length (32) to Asset Tag text box
 - V2.03.2005 March 2, 2006
 - i. Issues Solved
 1. FIX: framework exit issue. Only start lanscope monitor thread when ui page is launched.
 2. CHANGE: update export dialog titles
 3. CHANGE: BIOS password length limit set to 1~8 chars
 4. FIX: remove wrong pci id entry, update ATI RS482/RX482 entry
 5. CHANGE: AMD 64 cpu bus speed detection update
 6. CHANGE: Move sensor initialization step to ui page switch
 7. CHANGE: VIDEO information is refreshed when page switch occurs
 8. CHANGE: Asset tag now filters strings of blank characters
 - V2.03.2004 February 23, 2006
 - i. Issues Solved

1. Lanscope check, when lanscope is enabled, boot option is disabled.
2. Tooltip: the tooltip will now show the system uptime, update interval is 60 seconds
3. ITE sensor library update
4. Limited user account is now allowed , Guest user is restricted
5. Null reference check when accessing network information