

# Acer eLock Management 2.5 : Release Notes

## 1. Product Release Information

**Product Name:** Acer eLock Management 2.5  
**Release Number:** 2.05.4302  
**Release Date:** 2007/12/20  
**Customer Support:** Singz Hsieh, Kueihung Yeh

## 2. Introduction

This document contains the release notes for Acer eLock Management 2.5. The following sections describe the release in detail and provide late-breaking or other information that supplements the main documentation.

## 3. What's New

### i. Updated files

- |                              |           |
|------------------------------|-----------|
| 1. Acer eLock Management.exe | V2.5.4302 |
| 2. eLockCtl.dll              | V2.5.4302 |
| 3. eLock.Serv.Main.dll       | V2.5.4301 |

### ii. Issues solved

### iii. UI/Specifications Changes

1. Change wrong word "Empowering Technlogy" to "Empowering Technology"
2. Change wrong word "Fingerpeint" to "Fingerprint"

### iv. Known issues

### v. Limitation

### vi. Code reviewed by Kueihung

## 4. Minimum System Requirements

**System Processor:** Intel or AMD IA32 processor

**System Memory:** 512MB+

**Free Disk Space:** 20MB+

**Operating System:** Microsoft Windows Vista

**Networking:** None required

**Existing Software:** .NET Framework 2.0, Empowering Framework 2.5

## 4. Installation and Upgrade Notes

Version 2.5.4301

### i. Updated files

- |                              |           |
|------------------------------|-----------|
| 1. Acer eLock Management.exe | V2.5.4301 |
|------------------------------|-----------|

- 2. eLockCtl.dll V2.5.4301
- 3. eLock.Serv.Main.dll V2.5.4011
- ii. **Issues solved**
- iii. **UI/Specifications Changes**
  - 1. **Change version number**
- iv. **Known issues**
- v. **Limitation**
  - 1. **When user lock ODD, they can't safe remove ODD.**
- vi. **Code reviewed by Kueihung**

Version 2.5.4011

- i. **Updated files**
  - 1. Acer eLock Management.exe V2.5.4011
  - 2. eLockCtl.dll V2.5.4011
  - 3. eLock.Serv.Main.dll V2.5.4011
- ii. **Issues solved**
  - 1. Fixed: Bug DB 0037, Sometimes fail to lock USB device.
  - 2. Fixed: Bug DB 0038, Sometimes cannot stop the locked USB device normally and always pop up a message that notice user the device is in use.
  - 3. Fixed: Bug DB 0039, Sometimes eLock does not pop the notice message.
- iii. **UI/Specifications Changes**
- iv. **Known issues**
- v. **Limitation**
  - 1. **When user lock ODD, they can't safe remove ODD.**
- vi. **Code reviewed by Kueihung**

Version 2.5.4010

- vii. **Updated files**
  - 1. Acer eLock Management.exe V2.5.4010
  - 2. eLockCtl.dll V2.5.4010
  - 3. eLock.Serv.Main.dll V2.5.4010
- viii. **Issues solved**
  - 1. Fixed: Sometimes drive can't be unlock after system reboot.
- ix. **UI/Specifications Changes**
- x. **Known issues**
- xi. **Code reviewed by Kueihung**

#### Version 2.5.4009

xii. **Updated files**

- |                              |           |
|------------------------------|-----------|
| 1. Acer eLock Management.exe | V2.5.4009 |
| 2. eLockCtl.dll              | V2.5.4009 |
| 3. eLock.Serv.Main.dll       | V2.5.4009 |

xiii. **Issues solved**

1. Fix: Lock removable storage device and S5 then removable storage device will disappear in device manager and user needs to unplug and plug device again to let device appear.
2. Fixed: Solve unresponsive service issue from velocity program.

xiv. **UI/Specifications Changes**

xv. **Known issues**

xvi. **Code reviewed by Kueihung**

#### Version 2.5.4008

xvii. **Updated files**

- |                              |           |
|------------------------------|-----------|
| 1. Acer eLock Management.exe | V2.5.4008 |
| 2. eLockCtl.dll              | V2.5.4008 |
| 3. eLock.Serv.Main.dll       | V2.5.4005 |

xviii. **Issues solved**

xix. **UI/Specifications Changes**

1. String change
  - (a) Change “Not recognized fingerprint” to “Unrecognized fingerprint”
  - (b) Change “You could swipe...” to “You may swipe...”
  - (c) Change “Your finger is not initial yet” to “Your finger is not initialized yet.”
2. Add Abig’s error code handling
  - (a) Error code 20 (ABig server timeout): If this error code occurred, eLock will close Enter password page
  - (b) Error code 21 (ABig’s SysSet is enabled): If this event occurred, eLock will show “This fingerprint device is in used,.....”.

xx. **Known issues**

xxi. **Code reviewed by Kueihung**

#### Version 2.5.4007

xxii. **Updated files**

- |                              |           |
|------------------------------|-----------|
| 1. Acer eLock Management.exe | V2.5.4200 |
| 2. eLockCtl.dll              | V2.5.4200 |
| 3. eLock.Serv.Main.dll       | V2.5.4005 |

xxiii. **Issues solved**

xxiv. **UI/Specifications Changes**

1. **Change Version number to 2.5.4200 to support 20 languages for NB models**

xxv. **Known issues**

xxvi. **Code reviewed by Kueihung**

i. **Updated files**

1. Acer eLock Management.exe V2.5.4007
2. eLockCtl.dll V2.5.4007
3. eLock.Serv.Main.dll V2.5.4005

ii. **Issues solved**

iii. **UI/Specifications Changes**

1. **Add additional 9 languages help file support [CZ, DA, FI, EL, NO, HU, PL, RU, TR]**
2. **Add administrator privilege setting**  
**HKLM\SOFTWARE\acer\Empowering Technology**  
**2.5\Framework\Plugins\eLock\NeedAdmin**  
**0: eLock **DONOT** need administrator privilege**  
**1: eLock **DO** need administrator privilege Yes**

iv. **Known issues**

v. **Code reviewed by Kueihung**

Version 2.5.4006

i. **Updated files**

1. Acer eLock Management.exe V2.5.4006
2. eLockCtl.dll V2.5.4005
3. eLock.Serv.Main.dll V2.5.4005

ii. **Issues solved**

iii. **UI/Specifications Changes**

1. **Add additional 9 languages support [CZ, DA, FI, EL, NO, HU, PL, RU, TR]**

iv. **Known issues**

1. **Currently eLock's help files only support 11 countries.**

**Code reviewed by Kueihung / PJ**

Version 2.5.4005

i. **Updated files**

1. Acer eLock Management.exe V2.5.4005
2. eLockCtl.dll V2.5.4005
3. eLock.Serv.Main.dll V2.5.4005

ii. **Issues solved**

1. **avoid killing ABiG's VKSVC process from elock program**

- iii. **UI/Specifications Changes**
- iv. **Known issues**
- v. **Code reviewed by Kueihung / PJ**

Version 2.5.4004

- vi. Updated files
  - 1. Acer eLock Management.exe V2.5.4004
  - 2. eLockCtl.dll V2.5.4004
  - 3. eLock.Serv.Main.dll V2.5.4004
- vii. Issues solved
  - 1. UI layout abnormal in Travelmate style
  - 2. Apply password twice will cause exception
    - (a) Step1: Enter password
    - (b) Step2: Select cancel
    - (c) Step3: Enter password again
  - 3. PWDCheckUtil doesn't apply Aspire UI
- viii. **UI/Specifications Changes**
- ix. **Known issues**
- x. **Code reviewed by Kueihung / PJ**

Version 2.5.4003

- xi. Updated files
  - 1. Acer eLock Management.exe V2.5.4003
  - 2. eLockCtl.dll V2.5.4003
  - 3. eLock.Serv.Main.dll V2.5.4003
- xii. Issues solved
- xiii. **UI/Specifications Changes**
  - 1. **Add Aspire spec**
- xiv. **Known issues**
- xv. **Code reviewed by Kueihung / PJ**

Version 2.5.4002

- xvi. Updated files
  - 1. Acer eLock Management.exe V2.5.4002
  - 2. eLockCtl.dll V2.5.4002
  - 3. eLock.Serv.Main.dll V2.5.4002
- xvii. Issues solved
- xviii. **UI/Specifications Changes**
  - 1. **Add finger print device not ready message support**
  - 2. **Add ABiG's fingerprint 64bits API support**
  - 3. **Add log information in UI**

xix. **Known issues**

xx. **Code reviewed by Kueihung / PJ**

#### Version 2.5.4001

xxi. Updated files

- |                              |           |
|------------------------------|-----------|
| 1. Acer eLock Management.exe | V2.5.4001 |
| 2. eLockCtl.dll              | V2.5.4001 |
| 3. eLock.Serv.Main.dll       | V2.5.4001 |

xxii. Issues solved

xxiii. **UI/Specifications Changes**

- 1. Add Fingerprint support with ABig's API version 1.0.6**
- 2. Change eLock locked interface from code to config**

xxiv. **Known issues**

- 1. ABiG Fingerprint's x64 version not ready yet.**

**Code reviewed by Kueihung / PJ**

#### Version 2.5.4000

##### Version History

i. Updated files

- |                              |           |
|------------------------------|-----------|
| 1. Acer eLock Management.exe | V2.5.4000 |
| 2. eLockCtl.dll              | V2.5.4000 |
| 3. eLock.Serv.Main.dll       | V2.5.4000 |

ii. Issues solved

iii. **UI/Specifications Changes**

- 1. Add Fingerprint support with ABig's API version 1.0.2.1**

iv. **Known issues**

- 1. Only support English version in Finger printer related dialogs**

v. **Code reviewed by Singz / PJ**

#### Version 2.5.3005

i. Updated files

- |                              |           |
|------------------------------|-----------|
| 1. Acer eLock Management.exe | V2.5.3005 |
| 2. eLockCtl.dll              | V2.5.3005 |
| 3. eLock.Serv.Main.dll       | V2.5.3005 |

ii. Issues solved

1. For testing S4 black screen issue in Navarro model: Reduce unnecessary actions when eLock not initialized or all devices are unlocked.

iii. **UI/Specifications Changes**

iv. **Known issues**

**v. Code reviewed by Singz / PJ**

**vi. Updated files**

- |                              |           |
|------------------------------|-----------|
| 1. Acer eLock Management.exe | V2.5.3004 |
| 2. eLockCtl.dll              | V2.5.3004 |
| 3. eLock.Serv.Main.dll       | V2.5.3004 |

**vii. Issues solved**

1. Fix: When the user uninstalls ETF, it will show exception message while uninstalling eLock. This exception only occurred in the low SKU model (512M ram) and had never run eSomething. The root cause is that during uninstallation the PWDCheckUtil.exe access an inexistent registry key.

**viii. UI/Specifications Changes**

**ix. Known issues**

**Code reviewed by Singz / PJ**

**Version 2.5.3003**

**i. Updated files**

- |                              |           |
|------------------------------|-----------|
| 1. Acer eLock Management.exe | V2.5.3003 |
| 2. eLockCtl.dll              | V2.5.3003 |
| 3. eLock.Serv.Main.dll       | V2.5.3003 |

**ii. Issues solved**

1. fix the bug of “PCMICIA card-reader failed to lock”

**iii. UI/Specifications Changes**

**iv. Known issues**

**v. Code reviewed by Lobo**

**Version 2.5.3002**

**i. Updated files**

- |                              |           |
|------------------------------|-----------|
| 1. Acer eLock Management.exe | V2.5.3002 |
| 2. eLockCtl.dll              | V2.5.3002 |
| 3. eLock.Serv.Main.dll       | V2.5.3002 |

**ii. Issues solved**

1. System.Threading.AbandonedMutexException in Ness2(No built-in ODD)
2. Add recovery properties of eLock service
3. Hide the strange window while launch ETF

**iii. UI/Specifications Changes**

**iv. Known issues**

**v. Code reviewed by Lobo**

#### Version 2.5.3001

- i. Updated files
  - 1. Acer eLock Management.exe V2.5.3001
  - 2. eLockCtl.dll V2.5.3001
  - 3. eLock.Serv.Main.dll V2.5.3001
- ii. Issues solved
  - 1. FIX: UI bug  
The password dialog appearance error while un-installation.
  - 2. Fix ODM(Compal) reported bug,  
When lock ODD (or other devices), still could access the device via vista built-in mount function
- i. **UI/Specifications Changes**
- ii. **Known issues**
- iii. **Code reviewed by Lobo**

#### Version 2.5.2003

- i. Updated files
  - 1. Acer eLock Management.exe V2.5.2003
  - 2. Help Files V2.5.2003
- ii. Issues solved
  - 1. FIX: fix bug 16 Font type not coincide with others  
Solution: the text is change to Font: Arial 12 pixel in specified languages
  - 2. FIX: bug 15 Widget mode error on 120DPI  
# Reproduce procedure:
    - (a) 1. Change PDI from 96 to 1202.
    - (b) 2. Enter widget mode
- 3. Lock all bar & Unlock all bar error

#### Version 2.5.2002

- i. Updated files
  - 1. eLockCtl.dll V2.5.2002
  - 2. Acer eLock Management.exe V2.5.2002
  - 3. eLock.Serv.Main.dll V2.5.2002
- ii. Issues solved
  - 1. FIX: fix bug 12,13 auto play issue  
Solution: fix the wrong sharing mode of CreateFile.
  - 2. FIX: bug 15 Widget mode error on 120DPI  
# Reproduce procedure:
    - (c) 1. Change PDI from 96 to 1202.
    - (d) 2. Enter widget mode
    - (e) 3. Lock all bar & Unlock all bar error



## Version 2.5.2001

- i. Updated files
  - 1. eLockCtl.dll V2.5.2001
  - 2. Acer eLock Management.exe V2.5.2001
  - 3. eLock.Serv.Main.dll V2.5.2001
- ii. Issues solved
  - 1. FIX: move creating IpcChannel to the static constructor, this can ensure that we only have one IpcChannel in the process which create many eLock.Client. This is in order to fix the bug that eLock makes ETF closure waste too much time.
  - 2. FIX: missing lock the ODD by CreateFile after rebooting if needed.
  - 3. FIX: fix the problem occurs on Vista RC1. It seems the users and groups name are localizable on Vista RC1, and it affects our IpcChannel initialization. We have changed the code to get Administrators and Users group name manually rather than set them as predefined strings.
- iii. **UI/Specifications Changes**
- iv. **Known issues**

## \* Version 2.5.2000

- i. Updated files
  - 1. eLockCtl.dll V2.5.2000
  - 2. Acer eLock Management.exe V2.5.2000
  - 3. eLock.Serv.Main.dll V2.5.2000
- ii. Issues solved
  - 1. Wrong page in help file (English, Swedish)  
[Ref to Bug DB: eLock2.5; Bug ID: 10]
    - (a) Procedure
      - 1) Open eLock and click help file
      - 2) Check help file in first page
    - (b) Solution
      - 1) Replace the wrong page to correct one

## iii. **UI/Specifications Changes**

## iv. **Known issues**

## \* Version 2.5.1002

- i. Updated files
  - 1. eLockCtl.dll V2.5.1002
  - 2. Acer eLock Management.exe V2.5.1002

3. eLock.Serv.Main.dll V2.5.1002
- ii. Issues solved
  1. eLockServ can't run on Vista X64
    - (a) Procedure
    - (b) Solution
      - 1) The root cause is that the some structures' size should be the multiple of 8 on Vista X64
  2. Sometimes eLock installer will hang up during uninstall process
    - (a) Procedure
      - 1) Install eLock and lock some items
      - 2) Uninstall eLock
    - (b) Solution
      - 1) The root cause is that the exception occurs when un-install procedure try to delete the registry key that was been deleted before.
  3. Plugin takes too long time to initialize eLockServ
    - (a) Procedure
      - 1) Install eLock and reboot system
    - (b) Solution
      - 1) assign service group at the service constructor to speed up boot time

**\*\*Version 2.05.1001 Aug.18, 2006**

- i. Updated files
  1. eLockCtl.dll V2.5.1000
  2. Acer eLock Management.exe V2.5.1000
  3. eLock.Serv.Main.dll V2.5.1000
- ii. Issues solved
  1. eLock will effect other eAP's service
    - (a) Procedure
      - 1) Install eLock and other eAPs
    - (b) Solution
      - 1) change the channel name to prevent conflict with other eApps.
  2. User can't change local IDE drives' drive letter, we have excluded local IDE drives from locking procedure.
    - (a) Procedure
      - 1) Lock removable storage devices
      - 2) Change drive letter in Disk Management
    - (b) Solution
      - 1) Exclude local IDE drives from locking procedure

### **iii. UI/Specifications Changes**

### **iv. Known issues**

**\*\*Version 2.05.1000 Aug. 10, 2006**

**\*. Updated files**

- |                              |           |
|------------------------------|-----------|
| 1. eLockCtl.dll              | V2.5.1000 |
| 2. Acer eLock Management.exe | V2.5.1000 |
| 3. eLock.Serv.Main.dll       | V2.5.1000 |

**\*. Issues solved**

**\*. UI/Specifications Changes**

**\*. Known issues**