

# Acer ePerformance Management: Release Notes

## 1. Product Release Information

**Product Name:** Acer ePerformance Management

**Release Number:** 2.00.2008

**Release Date:** 2006/5/11

**Customer Support:** PJ Lin

## 2. Introduction

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

## 3. What's New

- 2.00.2008, May 11, 2006

### i. Issues Solved

1. FIX: the symptom is first saw on Oscar project. It seems that ePerformance has made performance degradation on PerfMon and cause it output error message in event log.

#### (a) Procedure:

- 1) Cold boot
- 2) Open Event Viewer and there are some error in application page

#### (b) Solution:

- 1) Enumerate processes with native APIs instead of .NET Process class.

2. Code Reviewed by: Christian Huang

## 4. Minium 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

## 5. Installation and Upgrade Notes

- **Installation**

Run Acer ePerformance Management installer package to install all necessary binaries.

- **Manifest**

This release consists of the following items:

- i. Release Note
- ii. Acer ePerformance Management

## 6. Version History

- **2.00.2007, March 29, 2006**

- i. Issues Solved

1. **CHANGE:** in order to fix eDataSecurity's display problem, ETF V2.03.2015 always sets ImageRadio buttons to true when adding them to the page. This will influence ePerformance since we may have hidden ImageRadio buttons in the initial state.

(a) Solution: call a re-set function to fix the problem after ePerformance's page has been loaded.

- **2.00.2006, March 27, 2006**

- i. Issues Solved

1. **CHANGE:** change the wording of short terms
2. **FIX:** fix the weird registry operations on Windows XP x64 edition.

- **2.00.2005, March 13, 2006**

- i. Issues Solved

1. **FIX:** fix the shaded icon on the top-left corner of disk dialog.
2. **CHANGE:** support registry operation under XP x64 edition. The registry manipulation under XP x64 edition is little different from previous version, it redirect the access action of 32bit application on HKLM\Software to HKLM\Software\WOW6432node.

(a) Solution: use Win32 API to overcome this problem.

3. CHANGE: try to prevent the exception thrown after 500 times suspend/resume test.  
(a) Solution: handle power events in AcerMemUsageCheckServ.
- 2.00.2004, February 16, 2006
    - i. Issues Solved
      1. CHANGE: modify DiskModel/DiskPresenter to make them much robust.
      2. CHANGE: we made some changes to support execution under limited user. Speed page, auto memory optimization, and auto inform memory usage are hidden under limited user.
      3. CHANGE: change the init/dispose of timer in DiskView to enhance performance.
      4. FIX: fix the quick launcher to make it launches application possibly under limited user.
      5. FIX: bug 17, the root cause may be that we bring a window to foreground before it was created. We have slowed the thread down to wait the process be created.
      6. CHANGE: change the tool tip update timer initialization and set timer to 5 seconds.
      7. CHANGE: simplify the code of cursor launcher method in plug-in.
      8. CHANGE: change the way to wait Windows Service to go to the specified state we want.
  - 2.00.2002, January 25, 2006
    - i. Issues Solved
      1. FIX: fix System.ComponentModel.Win32Exception when we try to release the memory space of inaccessible process.
      2. CHANGE: change tool tip update interval to 30 seconds.
      3. FIX: fix the problem that cannot load ePerformance on machine that didn't browse Internet before.
  - 2.00.2001, January 25, 2006
    - i. Issues Solved
      1. CHANGE: change the code to fit in with the change of GetString().
      2. FIX: bug 14 partly. We have solved the problem that we can't clean recently accessed URLs to zero.
      3. CHANGE: tune DiskModel/DiskPresenter performance.
      4. CHANGE: reduce code size of MemoryModel.
      5. CHANGE: tune performance of SpeedModel.

6. ADD: add update disk information every 30 seconds when switch to disk page.
- 2.00.2000, January 20, 2006
    - i. Issues Solved
      1. FIX: bug 13 partly. For temporary files, it only can release few spaces since we cannot remove read-only files, we have modified the code. But it still cannot show zero bytes sometimes since files are locked. For recently accessed URLs, we use API to remove URLs, so it is hard to handle the event that there are still records left.
      2. CHANGE: change the order written in registry to 8000 without referring to machine type.
      3. CHANGE: update EULA.
      4. CHANGE: move timer initialization to the timing that when ETF accesses the tool tip at the first time. It seems will cause exception after rebooting if we put timer initialization in plug-in constructor.
      5. CHANGE: change terms of ID\_ASK\_CLOSE\_FRAMEWORK & ID\_AUTO\_START\_EPERFORMANCE.
      6. CHANGE: update tool tip.