

Empowering Technology Framework 2.0: Release Notes

1. Product Release Information

Product Name:	Empowering Technology 2.0
Release Number:	2.03.5002
Release Date:	2008-1-23
Customer Support:	Ryan YP Wang

2. Introduction

This document contains the release notes for Empowering Technology 2.0. The following sections describe the release in detail and provide late-breaking or other information that supplements the main documentation.

3. What's New

- 2.03.5002, January 23, 2008
 - i. Issues Solved
 - 1. [0099] Silent upgrade failed when ETF toolbar exist on screen
 - 2. [0112] Wording overlaps in Password Center
 - 3. [0114] ETF icon on "Add or Remove Programs" is incorrect
 - ii. SPEC Change
 - None

2. Limitation

1. If we get a null widget, the widget will not be shown when ETF enters Widget mode. The user is required to switch mode again in order to refresh the Widget mode view.

3. 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

4. Installation and Upgrade Notes

- **Installation**

Run Empowering Technology Framework 2.0 installer package to install all necessary binaries.

- **Manifest**

This release consists of the following items:

- (a) Release Note
- (b) Empowering Technology Framework 2.0 Installer

5. Version History

- 2.03.5001, December 25, 2007

- iii. Issues Solved

- 1. [0104] Focus is not on the field "Password" when disabling password.
 - 2. [0105] The EAP "Cannot Use the Application " window show 2 times
 - 3. [0106] ET bar shows in Guest account
 - 4. [0107] Tutorial still exist
 - 5. [0111] It is does not pops up a warning message during install ETF.
 - 6. Error message popup after uninstallation and boot

- iv. SPEC Change

- 1. ETF directory is changed to C:\Program Files\Acer\Empowering Technology
 - 2. ETF version older than v2.03.5000 cannot be upgraded to v2.03.5001 or newer version

- 2.03.5000, November 30, 2007

- v. Issues Solved

- 1. Update password flows according to V3.

- 2.03.4002, November 14, 2007

- vi. Issues Solved

- 1. SysMonitoring.exe issue on DT.
 - (a) Solution
 - 1) Remove useless timer which cause error message popup.

- 2.03.4001, July 12, 2007

- vii. Issues Solved

- 1. When user install ETF v2.3.4000 without .Net Framework, it should show "Please install .Net Framework 1.1" instead of " Please install .Net Framework 2.0".
 - (a) Solution

- 1) Revise it from ETF Installer.
 2. FIX: set toolbar non-topmost when user clicks "create a new password" in password center.
 3. FIX: add CaptionIcon in CreatePassword and ChangePassword dialog
 4. FIX: toolbar over Acer screensaver
 5. Exception occurred when entering widget mode under media player full screen.
 - (a) Solution
 - 1) Handle the exception and don't enter widget mode when the snapshot captured is the wrong format to convert to bitmap.
 6. Issue of exiting ETF under Widget mode without apply eAPs changes
 - (a) Solution
 - 1) Leave Widget mode before starting to exit Empowering Technology
- 2.03.2027, September 13, 2006
 - i. Support Czech, Danish, Finnish, Greek, Hungarian, Norwegian, Polish, Russian and Turkish (Only for Desktop)
 - ii. Issues Solved
 1. eLogo animation timing issue
 - 2.03.2026, August 3, 2006
 - i. Issues Solved
 1. Pop up error message when quickly switch between Normal mode and Widget mode
 - (a) Procedure
 - 1) Terminate ePower DMC
 - 2) Launch ETF
 - 3) Enter Widget mode and quickly switch back to Normal mode
 - (b) Solution
 - 1) Add null reference check before showing widget.
 - (c) Code Reviewed by: Christian Huang
 - 2.03.2025, August 1, 2006
 - i. Issues Solved
 1. On Tablet XP edition, capture the wrong background image when user enter Widget mode and rotate the display by using hot keys
 - (a) Solution
 - 1) Add detection on display settings change. Return to Normal mode if user rotates the display.
 2. Pop up error message when enter Widget mode on x64 machine
 - (a) Solution

- 1) The root cause is that the tray of ePower is not ready to run or is closed, so ETF gets null widget from it. Add null reference check before showing each widget.
- 2.03.2024, June 27, 2006
 - i. Issues Solved
 1. Pop-up WMIAcerCheck error while installing ETF on X86 64-bit machine
 - (a) Solution
 - 1) Repack WMIAcerCheck.exe. The file should not been upgraded to VS 2005 (.NET Framework 2.0).
 - 2.03.2023, June 13, 2006
 - i. Issues Solved
 1. eLogo button animation
 - (a) Solution
 - 1) Detect eLogo current running frame. If it's the first frame, we stop it when the power is changing to battery mode.
 - 2.03.2022, June 1, 2006
 - i. Issues Solved
 1. Power mode detection
 - (a) Solution:
 - 1) Detect PowerModeChanged event, if power is changing from AC mode to battery, stop eLogo button's animation if it is enabled. On the contrary, if power is changing from battery to AC mode, restart eLogo button's animation if the type of processor is not Intel Celeron.
 2. Widget default state
 - (a) Solution:
 - 1) Set the default state of eAcoustics and ePerformance widgets to enable in DT.
 - 2) Set the default state of eNM, ePM and ePerformance widgets to enable in NB.
 3. Fix: Click eLock button on LaunchBar, pop-up error message if the running system is only installed .Net Framework 2.0.
 - (a) Solution:
 - 1) Check .Net Framework installed version. Enumerate subkeys in HKEY_LOCAL_MACHINE\Software\Microsoft\NETFramework\policy, if there is no subkey named v1.1 installed or only subkey v2.0 exists, stop user to run ETF.

4. Fix: Exception occurs while launching eRecovery without installing ETF first
 - (a) Solution:
 - 1) Add null reference check while trying to get the path of BaseFolder
- ii. UI specification changes
 1. Launchbar UI changed
 - (a) Original: layered window, transparent bar
 - (b) New: Non-transparent form
 2. Revise zh-CHT tutorial flash on DT
- 2.03.2021, May 11, 2006
 - i. Issues Solved
 1. WMIACerCheck hangs the installation of ETF
 - (a) Solution:
In the LaunchAppAndWait function, change parameter LAAW_OPTION_WAIT to LAAW_OPTION_NOWAIT to force the installation continue after launching WMIACerCheck.exe.
 2. System can't enter C3 state when eLogoBtn's animation is running.
 - (a) Solution:
Check the type of processor first. If the processor is Intel Celeron, stop the animation.
 - ii. Known issues
 1. LaunchBar flicker through full screen directx games
 - 2.03.2020, April 25, 2006
 - i. Issues Solved
 1. Fix locale issue on Turkey Windows XP while trying to launch online support from the context menu
 - (a) Solution: Skip the "tolower" conversion
 - 2.03.2019 , April 19, 2006
 - i. Issues Solved
 1. MCE System resumes from Away Mode will bring LaunchBar to topmost
 2. Pack de, es, fr, it, ja, nl, pt, sv, zh-CHS and zh-CHT tutorial files for desktop in ETFInstaller
 - 2.03.2018, April 18, 2006
 - i. Issues Solved
 1. Update UI components to fix window maximal problem when first shown up in Windows Starter edition

- 2.03.2017, April 14, 2006
 - i. Issues Solved
 - 1. Double requesting password for eLock and eRecovery
 - (a) Solution: Add working directory check