

Release Notes

M3 Service Pack 1

Summer/Q3 2011

Introduction

eInstruction® offers educators a family of hardware, software, content and support designed to help teachers teach and raise student achievement through interactive engagement, collaboration and real-time formative assessment. The Summer/Q3 Service Pack 1 (M3SP1) is a collection of enhancements to CPS™, Response, Workspace™ and Device Manager. Some key enhancements include compatibility with Microsoft Office 2010/2011, Mac OS X 10.7 (Lion), improved database management and increased reliability.

Affected Products

- [CPS™](#)
[System Requirements](#), [CPST™ Windows](#), [CPST™ for PPT Windows](#), [CPST™ Mac](#), [CPST™ for PPT Mac](#)
- [Response](#)
[System Requirements](#), [Response](#), [Response PPT](#)
- [Workspace™](#)
[System Requirements](#), [Workspace™ Windows](#), [Workspace™ Java](#)
- [Device Manager](#)
[Device Manager](#)

Application Upgrade and Migration

All of eInstruction®'s software applications (CPS™, Response and Workspace™) are available for download on the Support page of our website (<http://www.einstruction.com/support/downloads>). Locate the application you want to install and click on the Download button. Once the application has been downloaded, follow the onscreen directions to install. It is not necessary to uninstall your previous version of eInstruction® software unless you have a beta version installed.

If you have more than one eInstruction® application installed on your computer, it is not necessary to upgrade all eInstruction® software to maintain compatibility with Device Manager. We do recommend that you update all applications, however, to benefit from the most recent enhancements.

CPS™

eInstruction® has added support of Microsoft Office 2010 to maintain compatibility with computers running Microsoft Office suite and has introduced compatibility with Mac OS X 10.7 Lion*. Additionally, continued improvements have been made to ensure the optimal performance and user experience.

CPS™ Windows Changes:

Enhancements

- Support for Microsoft Office 2010

Corrections

- Updates to student devices made in [CPS Online](#) are now reflected in the CPS™ database after the sync process
- Improved performance when processing large session assessment data
- Improved performance when engaging multiple assessments

CPS™ for PPT Windows Changes:

Enhancements

- Support for Microsoft Office 2010 (32-bit version only)

Corrections

- Improved user interaction during slide advancement
- Improved anonymous session data saving functionality

CPS™ Mac Changes:

Enhancements

- Support for Mac OSX 10.7 Lion
- ClassScape data export

Corrections

- Report title parity with CPS™ Windows
- ExamView import font size match up
- Improved handling of database image files. Reduced time to save a large database
- Improved syncing of real-time data as published in Instructor Summary report

CPS™ for PPT Mac Changes:

(*CPS™ for PPT Mac is not currently compatible with Mac OS X 10.7 (Lion))

Corrections

- Improved performance when displaying a question
- Improved support of question slides from previous versions of CPS™ for PPT

CPS™ / CPS™ PPT System Requirements:

Windows

- Microsoft Windows XP SP2, Windows Vista, or Windows 7
- Intel Core2 Duo processor 2GHz equivalent or higher
- 2 GB RAM
- 1 GB hard disk space for installation
- CD-ROM Drive for installation
- Video Card and display capable of X VGA (1024 x 768) or higher resolution with minimum of 24-bit color

Mac

- Mac OS X 10.5.8, 10.6.2 or 10.7 (CPS Mac only)
- Intel Core 2 Duo Processor 1.66 GHz
- 32-bit Kernel and Extensions
- 2 GB RAM
- 1 GB hard disk space for installation
- 1024 x 768 or higher resolution video
- One available USB Port
- PowerPoint 2004

*Please reference appendix for information about Microsoft Office 2010/2011, 32 and 64-bit versions of Office, and Mac OS 10.7 compatibility

Response

eInstruction® has added support of Microsoft Office 2010/2011 to maintain compatibility with updated computers running Microsoft Office suite and has introduced compatibility with Mac OS X 10.7 Lion.

Additionally, the Response database has been optimized to better perform in large classrooms or manage lengthy assessments.

Response Java Changes:

Enhancements

- Support for Microsoft Office 2010/2011 (Windows/Mac)
- Support for Mac OSX 10.7 (Lion)

Corrections

- Improved database performance with regular and automated maintenance
- Reports now reflect edits made to session data
- Z-order has been improved on Mac machines and Linux Ubuntu

Response PPT Changes:

Enhancements

- Support for Microsoft Office 2010 32-bit only
- Support for Mac Office 2011
- Support for Mac OSX 10.7 (Lion)

Response System Requirements:

Windows

- Microsoft Windows XP SP2, Windows Vista, or Windows 7
- Intel Pentium IV Processor 1GHz or higher (or equivalent)
- 512 MB RAM
- 500 MB hard disk space for installation
- 1024 x 768 or higher resolution video
- One available USB Port
- Microsoft Office 2003, 2007 (for PowerPoint integration)

Mac

- Mac OS X 10.5.8, 10.6, or 10.7
- PowerPC G4 1GHz or higher
- 32-bit Kernel and Extensions
- 512 MB RAM
- 500 MB hard disk space for installation
- 1024 x 768 or higher resolution video
- One available USB Port
- Microsoft Mac Office 2004 (for PowerPoint integration)
- Java 1.5 or greater
- "libUSB" (USB support)

Linux

- Intel Pentium IV Processor 1GHz or higher (or equivalent)
- 512 MB RAM
- 500 MB hard disk space for installation
- 1024 x 768 or higher resolution video
- One available USB Port
- Linux with 2.6 Kernel or greater
- "libusb-1.0" 32-bit (USB support)

Note: On 64-bit Linux systems, the *libusb-1.0* 32-bit package may need to be downloaded and manually installed. The *libusb-1.0* 32-bit packages for Ubuntu can be found at: <http://ftp.us.debian.org/debian/pool/main/libu/libusb-1.0/>

To manually install the libusb-1.0 32-bit libraries on Ubuntu 10.4 64-bit: (Example only. Confirm procedure before attempting.)

1. Download http://ftp.us.debian.org/debian/pool/main/libu/libusb-1.0/libusb-1.0-0_1.0.8-2_i386.deb
 2. Extract the package to `./temp` directory:
 - a. `sudo dpkg -x libusb-1.0-0_1.0.8-2_i386.deb ./temp`
 3. Copy the libraries to `/lib32` directory:
 - a. `sudo cp ./temp/lib/*.* /lib32/`
- "bluez-libs" - libbluetooth1 (Bluetooth support)
 - The bluez packages can be installed using your specific Distribution's Package Manager. For more information on Linux Bluetooth support, please see <http://www.bluez.org/>
 - After confirming that the required bluez packages are installed, please make sure that the `rfcomm` service is running. See your distribution-specific documentation to determine how you can check this.
 - XDG compliant (Menus and file association)
 - "bc" utility
 - "finger" utility
 - libstdc++6
 - "sudo" version 1.6.7p5 or greater
 - "sudo" must be installed to a location that is included in the system's default search path; otherwise it will not be found. The default search path on most systems includes `/usr/bin`, but you should refer to your system's documentation for more details.
 - "ia32-libs" (64 bit support)
 - This package adds support for running 32 bit applications within a 64 bit Operating System. Please see your specific distributions documentation for information on installing the "ia32-libs" package.

**Please reference appendix for Microsoft Office 2010/2011, 32 and 64-bit versions of Office, and Mac OS 10.7 compatibility

Workspace™

eInstruction® has added support of Microsoft Office 2010 to maintain compatibility with updated computers running Microsoft Office suite and has introduced compatibility with Mac OS X 10.7 (Lion). Continued improvements have been made to ensure the optimal performance and user experience.

Workspace™ Windows Changes:

Enhancements

- Support for Microsoft Office 2010

Corrections

- Improved interaction with Office products
- Improved Zoom feature with text annotation
- Improved ExamView® question support
- Reduced lag as a question is ending.

Workspace™ Java Changes:

Enhancements

- Support for Mac OSX 10.7 (Lion)

Corrections

- Improved ExamView® question type reporting functionality

- The Recorder feature has been localized in all supported languages
- Improved Annotation functionality after minimizing the window

WorkSpace™ System Requirements:

Windows

- Microsoft Windows XP SP2, Windows Vista, or Windows 7
- Intel Core2 Duo processor 2GHz equivalent or higher
- 2 GB RAM
- 650 MB hard disk space for installation (550MB additional for additional Content)
- CD-ROM Drive for installation
- Video Card and Monitor capable of XVGA (1024 x 768) or higher resolution with minimum of 24-bit color
- Video Card with support for DirectX 9 or greater
- Sound Card with Speakers and microphone for audio/video record and playback
- Adobe Flash Player version 9.0 or higher
- Microsoft .NET Framework 3.0 or greater
- Internet connection require for access to online content and tutorials

Mac

- Mac OS X, 10.5.8, 10.6 or 10.7
- PowerPC G4 1GHz or higher
- 32-bit Kernel and Extensions
- 512 MB RAM
- 500 MB hard disk space for installation
- 1024 x 768 or higher resolution video
- One available USB Port
- Java 1.5 or greater
- "libUSB" (USB support)

Linux

- Intel Pentium IV Processor 1GHz or higher (or equivalent)
- 512 MB RAM
- 500 MB hard disk space for installation
- 1024 x 768 or higher resolution video
- One available USB Port
- Linux with 2.6 Kernel or greater
- "libusb-1.0" 32-bit (USB support)

Note: On 64-bit Linux systems, the libusb-1.0 32-bit package may need to be downloaded and manually installed. The libusb-1.0 32-bit packages for Ubuntu can be found at: <http://ftp.us.debian.org/debian/pool/main/libu/libusb-1.0/>

To manually install the libusb-1.0 32-bit libraries on Ubuntu 10.4 64-bit: (Example only. Confirm procedure before attempting.)

4. Download http://ftp.us.debian.org/debian/pool/main/libu/libusb-1.0/libusb-1.0-0_1.0.8-2_i386.deb
5. Extract the package to "./temp" directory:
 - a. `sudo dpkg -x libusb-1.0-0_1.0.8-2_i386.deb ./temp`
6. Copy the libraries to "/lib32" directory:
 - a. `sudo cp ./temp/lib/*.* /lib32/`

- "bluez-libs" - libbluetooth1 (Bluetooth support)
 - The bluez packages can be installed using your specific Distribution's Package Manager. For more information on Linux Bluetooth support, please see <http://www.bluez.org/>
 - After confirming that the required bluez packages are installed, please make sure that the rfcomm service is running. See your distribution-specific documentation for verification.
- XDG compliant (Menus and file association)
- "bc" utility
- "finger" utility
- libstdc++6
- "sudo" version 1.6.7p5 or greater
 - "sudo" must be installed to a location that is included in the system's default search path; otherwise it will not be found. The default search path on most systems includes '/usr/bin', but you should refer to your system's documentation for more details.
- "ia32-libs" (64 bit support)
 - This package adds support for running 32 bit applications within a 64 bit Operating System. Please see your specific distributions documentation for information on installing the "ia32-libs" package.

**Please reference appendix for Microsoft Office 2010/2011 and Mac OS 10.7 compatibility

Device Manager

Device Manager Changes:

Enhancements

- The performance of eInstruction's Device Manager has been improved to operate more seamlessly with third-party applications working with the eInstruction API.
- Improved operating performance with third-party applications (i.e. virus scanners, firewalls, USB drivers)

Appendix

Compatibility Matrix – Microsoft Office / Mac OS and eInstruction software solutions

Operating System / Software Version	Workspace™ Windows v8.91	Workspace™ Java v5.71	CPS™ Windows v6.71	CPS™ PPT Windows v6.71	CPS™ Mac OS v3.1	CPS™ PPT Mac OS v3.1	Response v6.71	ExamView® 7.5
Microsoft Office: Mac 2004	No	Yes	No	No	Yes	Yes	Yes	Yes
Microsoft Office for Win 2007	Yes	No	Yes	Yes	No	No	Yes	Yes
Microsoft Office For Win 2010 32-bit*	Yes	No	Yes	Yes	No	No	Yes	Yes
Microsoft Office For Win 2010 64-bit*	Yes	Yes	Yes	No	No	No	No	Yes
Microsoft Office: mac 2011	No	No	No	No	No	No	Yes	Yes
Mac OS 10.7 (Lion)	No	Yes	No	No	Yes	No	Yes	No

*CPS PPT and Response PPT for Windows are not compatible with the 64-bit version of Office 2010. Microsoft recommends customers install the 32-bit version of Office 2010 to ensure compatibility with all 3rd party applications. [Click Here](#) for more information on 64-bit compatibility from Microsoft .