



## TECHNICAL REQUIREMENTS TO ATTEND EIPM LEARNING SESSIONS ONLINE

### **DEVICE & BROWSERS:**

Computer:

- 1GB RAM free
- Computer screen resolution > 1024\*768 pixels
- Internet Browser installed (see below for specific browser requirements)
- Headset or loudspeakers
- Webcam (recommended)

Supported web browsers with the virtual class:

- Chrome v56 or higher
  - Firefox v59 or higher
  - Edge v80 or higher\*
  - Safari v9 or higher\*
- \* in case of malfunction, please use Chrome or Firefox*

**We highly recommend using CHROME** or FIREFOX with the following setup:

- Cookies allowed
- Javascript allowed
- No pop-up blocker

### **VIRTUAL CLASSES:**

- EIPM uses ZOOM for its virtual classes – please consult next page for related specs

### **E-MODULE SCORM FORMATS:**

- Scorm 2004 (EIPM's default & recommended format)
- Scorm 1.2 (e-modules can be supplied in Scorm 1.2 should client LMS not accept the upgraded 2004 format)

## ZOOM - virtual class tool

### System requirements

- An internet connection – broadband wired or wireless (3G or 4G/LTE)
- Speakers and a microphone – built-in, USB plug-in, or wireless Bluetooth
- A webcam

### Supported operating systems

- macOS X with macOS 10.9 or later
- Windows 10 Home, Pro, or Enterprise (S Mode is not supported)
- Windows 7 / 8 or 8.1
- Ubuntu 12.04 or higher
- Mint 17.1 or higher
- Red Hat Enterprise Linux 6.4 or higher
- Oracle Linux 6.4 or higher
- CentOS 6.4 or higher
- Fedora 21 or higher
- OpenSUSE 13.2 or higher
- ArchLinux (64-bit only)

### Supported tablet and mobile devices

- iOS and Android devices
- Blackberry devices
- Surface PRO 2 or higher, running Windows 8.1 or higher

### Supported browsers

- Windows: Internet Explorer 11+, Edge 12+, Firefox 27+, Chrome 30+
- macOS: Safari 7+, Firefox 27+, Chrome 30+
- Linux: Firefox 27+, Chrome 30+

### Processor and RAM requirements

	Minimum	Recommended
Processor	Single-core 1Ghz or higher	Dual-core 2Ghz or higher (Intel i3/i5/i7 or AMD equivalent)
RAM	N/A	4 Gb

### Bandwidth requirements

Recommended bandwidth for webinar attendees:

- For panelists video on:
  - ~600kbps (down) for high-quality video
  - ~1.2-1.8Mbps (down) for 720p HD video
  - ~2-3Mbps (down) for 1080p HD video
- For screen sharing only (no video thumbnail): 50-75kbps (down)
- For screen sharing with video thumbnail: 50-150kbps (down)
- For audio VoIP: 60-80kbps (down)