



Virtual
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of the International Society of
Travel Medicine
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virtway
YOUR WAY TO ANTICIPATE

The CISTM17 Virtway World platform provides an interactive virtual environment display that can be viewed on any of these popular platforms: Windows (Vista/7/8/10), Mac OS X, iOS and Android. Operating requirements change depending on which platform is used. Leading up to the event, ISTM and Virtway will offer several attendee training sessions to ensure a seamless and enjoyable user experience.

Windows

The Windows Vista Operating System (or later) is required. Users will be directed to an initial executable file download (approx. 95 MB) which is available from the publicly accessible pages of the web server. Recommended internet browsers include: Internet Explorer 7 or above (ActiveX plug-in), Safari (NPAPI plug-in), and Google Chrome (“Native Messaging Host” official extension available from the Chrome Store). Other browsers such as Microsoft EDGE and Mozilla Firefox can be used to launch the native app, however instead of launching the platform through a plug-in or extension, it is launched through a protocol integrated into the system during installation.

Mac OS

The Mac OS X 10.15 (Catalina) or later version is required. The platform is a native application that can be accessed and installed from the *Mac App Store*. This system installs the native viewer and registers a proprietary URL that will allow any browser to link specific URLs to be handled directly by the user.

iOS

The 1.3 iOS 64-bit version of iOS is necessary. The platform is a native application that can be accessed and installed from the *Mac App Store*. You will need to use 64-bit iPad devices (iPhone 5S or above). The platform is compatible with smaller devices (iPhone and iPod), however it’s recommended that you use an iPad or iPad mini device.

Android

Android 5.0 operating system or later is required with support for OpenGL ES 3, and a minimum screen resolution of 1024 x640 pixels. The platform is a native application that can be accessed and installed from the *Google Play Store*.

Additional Hardware Requirements

Component	Minimum
CPU	2Ghz
RAM	4GB
GPU (graphics card)	Compatible with <i>OpenGL® 2.0</i> <ul style="list-style-type: none">• Support for <i>GLSL 1.10</i>• 256 MB dedicated RAM (<i>VRAM</i>)
Sound card	Compatible with <i>DirectSound™</i>

Communications

Headphones with built-in speakers are necessary for an optimal user experience. The app performs several tasks which makes it necessary for the client device to have outgoing access through the following ports:

- **TCP/443** This connection is established using the TLS secure protocol to servers: `api.theeducationdistrict.com` or `japi.theeducationdistrict.com`
- **TCP/1935** (rtmp) This connection is established to `wowza.virtway.com` and it is necessary to use the desktop sharing or webcam features.
- Other connections:
 - **TCP/9339** for multi-user servers
 - **UDP/9987** for VoIP traffic containing voice data and control sequences