

StaneO

Application note
Ubuntu STANEO-ready Virtual Machine

DIN_MOB-15296-VirtualMachine - 21 octobre 2016

1 Introduction

Occasional users of STANEO products are sometimes blocked by their operating system (OS) that may refuse to use a non signed USB driver or to start a Java applet.

STANEO proposes a fast and easy solution based on the use of a virtual machine running a Linux (Ubuntu) guest OS. This solution can be implemented on any VirtualBox compatible host : Windows, Linux, Macintosh, and Solaris. For more information about VirtualBox, please refer to <https://www.virtualbox.org>

Definitions :

- Host OS : this is the « real » operating system that is running the VirtualBox application
- Guest OS : this is the « virtual » operating system, it needs the VirtualBox application to run
- Appliance : a package containing the guest definition (CPU, memory, interfaces ...) and the virtual disk for the guest

2 Installation

The installation is a very simple three-steps operation :

1. Install the VirtualBox application for the host OS
2. Install the VirtualBox extensions package
3. Download and import the appliance

2.1 Installing the VirtualBox application

In most cases, installing VirtualBox application is a straightforward operation. The user should visit <https://www.virtualbox.org/wiki/Downloads> and select the binary package corresponding to the guest OS. *Linux users : as mentioned on VirtualBox website, i386 is for « old » 32bits systems while « AMD64 » matches all the modern 64bits systems, based on Intel or AMD CPUs.*

Once the binary package is downloaded, the OS should finish the job by installing the application.

2.2 Installing the VirtualBox Extension Pack

On the same page (<https://www.virtualbox.org/wiki/Downloads>), the Extension Pack is proposed for all platforms, it must be downloaded and opened with VirtualBox application.

2.3 Installing the appliance

The appliance is available online here (2.5 GB) :

http://www.staneo.fr/Products/VB_Image_for_digitizers/Ubuntu_STANEO_ready.ova

If VirtualBox does not automatically open the OVA file, please select File/Import appliance and import Ubuntu_STANEO_ready.ova. **Feel free to increase the resources allocated to the guest OS to increase responsivity (System memory and number of CPUs).**

The guest OS can be started by double-clicking on the machine entry on the left side of VirtualBox window.

The virtual machine is setup to expose any STANEO digitizer connected using the USB-AB cable to the guest OS. Just start the web browser in the guest OS and type <http://10.0.0.1> to see a STANEO digitizer connected with the USB-AB cable.

3 Revisions

Date	Modifications
2016/11/21	Feel free to increase the resources allocated to the guest OS to increase responsivity (System memory and number of CPUs).
2016/09/28	First version