vsm

Server & Client Specifications

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1.   Introduction

This document specifies the hardware required for a **vsmStudio** Server and **vsmPanel** Workstation Clients.

2.   System Requirements

2.1   vsmStudio Server

The requirements for a **vsmStudio** Server are as follows.

Note that the Standard Server is recommended. However, for installations with limited rack space a short-version Server can be specified.

Setup	Standard Server (recommended)	Short-version Server (compact)
Server	**HP DL360p** Gen8, Gen9	**HP DL20** Gen 9 (2017 onwards) **HP DL320e** G8 V2
CPU	min. Xeon E5 2620	min. Xeon E3 1220 (No Core i3 or Pentium)
RAID	Dedicated Raid Controller (e.g. HP Smart Array P440ar)	Dedicated Raid Controller (e.g. HP Smart Array P222)
RAM	min. 4 GB	
HARD DRIVE	min. 100 GB SATA/SAS	
OS	Windows Server 2016 English/German	

You can order any of the Servers listed above directly from Lawo, or buy a HP Server from your supplier:

- **Lawo-supplied Servers** - when you buy your server directly from Lawo it will be fully built, pre-configured and tested, and VSM will be licensed.

  Note: a Windows Server 2016 EN/DE license and product key must be provided.

- **Customer-supplied Servers** - if you buy a HP Server from your supplier, then Lawo will provide a download link to an installation image. The image contains all officially supported drivers for the relevant platforms.

> Note that you *MUST* use the installation image *OR* purchase a pre-configured Server directly from Lawo.

2.2   vsmPanel Workstation Client

The requirements for a **vsmPanel** Workstation Client are:

vsmPanel Version 3.x

- OS: Windows7, Windows8 or Windows10
- CPU: min. Intel Core i3 or higher
- RAM: min. 4GB
- Graphics: min Intel HD Graphics 4000 or higher