Software Feldpartitur Micro (V)OnSite

Feldpartitur is a browser-supported software based on an individual prepared (virtual) determined server and storage system with exclusive use for Feldpartitur software only.

The software installation and data collected is not stored on servers located in the European Union, it runs fully autonomous.

The product will be provided as **virtual machine (VM)** for either a KVM or ESX environment. For an ESX environment the customer will receive a file in OVA format. For the KVM environment the customer will receive two image in qcow2 format with a list of parameters that will enable the customer to start the virtual machine.

The customer has to inform us about the virtualization platform she/he is using and provide technical staff to download (from dropbox), install and start the virtual machine. The customer also has to make the virtual machine accessible for us via SSH, HTTP and (if the customer can provide a valid https certificate) HTTPS. The customer also has to provide a mail gateway that accepts mails sent from the virtual machine. To make the virtual machine convenient for the customer's needs we have to know how much video data will be uploaded to the virtual machine (approximate figure). We then will adjust the size of the virtual machine's data image. If nothing is specified by the customer we will deliver a 4TB data image with thin provisioning.

Please note, that permanent online access (24/7) for Feldpartitur employees (software engineers) located in Germany, intended for customer support, administration, renewal, add-on etc, is **part of the system requirements and also necessary precondition** to the contract.

System Description Feldpartitur Software

Operating system
  Ubuntu 16.04 LTS 64 bit
Complete access root-level
  Webserver: apache version 2.2

Apache Module
  mod_php5
  PHP version 5.3

php.ini
  upload_max_filesize = 256M
  post_max_size = 256M
  memory_limit = 1024M
  max_execution_time = 600
  max_input_time = -1
  error_reporting = E_ALL & ~E_NOTICE & ~E_DEPRECATED
PHP Module
    php5-ffmpeg
    php5-imagick
    Zend Guard 5.5.0 (64-bit)
    Datenbank: mysql Version 5.5
    Imagemagick version 6.6.9
    ffmpeg 0.8.1

System requirement hardware

Server system 24/7 (no desktop).
The hardware equipment is aligned with the needs of the users, case 30 users:
2 x Intel Xeon E5–2630
32 GB Ram, z.B. DDR3 1600 ECC REG (8x 4GB)
Raid Controller, Level 10
e.g. 4 x 1 TB Festplatten, z.B. WD RE4 1003FBYX 1TB 7k SATA2 64MB | 24/7

System Requirement Network
    Static IP address
    Permanent access from outside the network (Germany) is mandatory; diverse settings on firewall and DNS are implacably.

Feldpartitur Client

    Current PC operating system (e.g. Windows)
    Webbrowser 'chrome' or alternative browsers in close consultation with the client

Technical basis:
    PC, e.g. INTEL i5 Prozessor
    4 GB RAM
    Screen resolution: at least 1680 x 1050

Network:
    Access to the server via ethernet is mandatory