



## **1 Requirements Web Platform „vibras.net“**

### **1.1 Client Side (PC)**

- No special requirements
- Current web browser. (preferred: Chrome, Opera)

### **1.2 Hardware Requirements - Server**

- Multiple (virtual) CPUs
- >2GB RAM
- >50GB Storage (Secured Drive)
- Optional: Additional Backup Storage

### **1.3 Environmental Requirements - Server**

- Server accessible via public IP
- Connectivity Server -> World:
  - o Free Internet access for system updates. (If Internet access is via a proxy, the proxy setup must be configured manually.)
- Connectivity World -> Server:
  - o Port 80,443 (http,https)
  - o Port 21 (FTP Control Port)
  - o Port 50100- 50109 (Passive FTP Data Port)
  - o Port 1196 (OpenVPN Port)
- Connectivity Administrator -> Server:
  - o Port 22 (SSH)
- External Services:
  - o External SMTP Mail Server
- DNS:
  - o An A-Record for at least 1 Domain, Subdomain or Wildcard-Domain.

### **1.4 Installation - Server**

- Installation by Walesch
- Maintenance and updating either by Walesch or in-house IT

### **1.5 Key Points - Server**

- Linux-based system (Ubuntu/Debian)
- Services:
  - o Open VPN Server
  - o http Server (lamp)
  - o FTP