

SuiteMed

Patient Portal Pre-Requisites

Web Server Availability

Office/Client have to arrange or manage one Web-Server machine within their network which should have following prerequisites:

- Web-Server must be in network.
- LogMeIn or RDP should be available on the machine so that Implementation Team can work on it.
- Web Server must match Minimum or Recommended hardware configuration:

Minimum Hardware requirement:

- 1.8 GHZ or Higher Dual Core 32-bit (x86) or 64-bit (x64) processor
- 2 GB of System memory / RAM
- 10 GB of available disk space
- 100MBPS Network Interface Card (NIC) for network connectivity

Recommended Hardware requirement:

- 2.0 GHZ or Higher Dual Core 32-bit (x86) or 64-bit (x64) processor
- 2 GB of System memory / RAM
- 15 GB of available disk space
- 1GB Network Interface Card (NIC) for network connectivity

Software Requirement:

- Operating System : Windows Server 2003 (32-bit)
- Port 80 and 443 should not be used by any other application on the machine.
- It is recommended not to use Web Server machine for installation any other software or day to day regular usage.

Static IP Address

You need to forward one *Static IP/Fixed external IP* to be forwarded to Patient Portal (Web Server) machine.

Static IP/Fixed IP Address: An IP address is like a telephone number that any computer can use to find any other computer in a network. All networked computers have IP addresses. Most have a static ip, that is, they don't change (for instance, 74.208.46.170 is SuiteMed website.s .Static IP., aka. .public IP., aka. .external IP..

How to get Static IP?: You can ask your ISP (Internet Service Provider, e.g. AOL or Road Runner) to get one Static IP for this purpose in case you do not have one. Usually ISPs can provide Static IP at some additional cost or free of charge.

SSL Implementation

SSL is mandatory for Patient Portal. SSL stands for Secure Socket Layer. With the help of SSL patients/users connecting to Portal will be using Secure [HTTP \(HTTPS://\)](#). It means that data transferred between your web-server to Users computer will be encrypted while traveling on the Internet.

If you want to use HTTPS then, you need to generate [Certificate Signing Request](#) (*.CSR) file which could be done with the help of IT person in your office. Then you need to send this CSR file to [Certification Authority](#) who will sign your request and send back Certificate files.

For example:

- You can get contact Verisign (<http://www.verisign.com>) or DiGiCert (<http://www.digicert.com>) as they are Certificate Authority.
- You can visit above website for pricing details, it can start from \$100 and can go up based on the type of Certificate you are applying for.
- Please contact us if you need further assistance

Important Note: If a doctor's office is going to handle the SSL Certification process then please make sure to provide us unencrypted RSA Private Key with CRT files to setup SSL on the server. Without that it is not possible to install SSL. It is very crucial and so whatever files are generated while creating CSR (Certificate Signing Request) file has to be kept on safe place on the web-server machine itself and Doctor.s office needs to provide us path/access to those files.

Domain/Sub Domain Registration

If you have any existing Website then you already have a [domain](#) for your website.

What is domain/Sub-domain: For example: www.SuiteMed.com is the domain name. You can have general information, services related information and contact details on your website.

In most cases Patient Portal will be hosted on one a [sub-domain](#) on your website.

For example: support.SuiteMed.com

Here [.support.](#) is the sub-domain under [.SuiteMed.com.](#), and [.SuiteMed.com.](#) is the parent domain.

How to get Domain/Sub-domain?

If you have Network Administrator in your office then he can help you with this task. Basically you can get new Domain name from domain registrars like GoDaddy (www.godaddy.com).

If you already have a website and another third party company is managing and maintaining your website then you can ask them to create one sub-domain for your existing website and it should point to your Static IP address.

Binding of Static IP with Domain/Sub Domain

This task could be done with the help of your Network person. Once you bind your domain/sub-domain with a Static IP address then whenever anyone types that domain or sub-domain it will point to your WebServer. For requests coming to port 80 and port 443, they should be forwarded to your Webserver machine.

Installation by the SuiteMed Team

The SuiteMed Team will install following software on Web Server provided.

- Required setup files developed by SuiteMed Engineers to power Patient Portal.
- [Apache Web Server](http://en.wikipedia.org/wiki/Apache_HTTP_Server) [http://en.wikipedia.org/wiki/Apache_HTTP_Server]. Apache is Open Source software, which is free to use and distribute.

- [PHP](http://en.wikipedia.org/wiki/PHP) binaries with required extensions. [<http://en.wikipedia.org/wiki/PHP>]. PHP is Open Source software, which is free to use and distribute.
- [7-Zip](#) Archive/Extract utility. 7-Zip is Free and Open Source software.
- [OpenSSL](http://en.wikipedia.org/wiki/OpenSSL) [<http://en.wikipedia.org/wiki/OpenSSL>] to power Secure HTTP. OpenSSL falls under Open Source software category.

Patient Portal Link on Main Website

If you want you can provide a link to Patient Portal on your main website so patients who are having access to the Patient Portal can login and start utilizing the portal to manage their health in better way.