



# Trustix™ Web Server SE

## 21 Reasons to choose Trustix™

### Trustix™ Web Server SE

#### Expertise Built In- Not Expertise Required!

##### Apache Technology

Trustix™ Web servers incorporate and extend the industry standard Apache Web server technology. When your business deploys the Trustix™ Web Server, you are assured that your commercial website is running on the most secure, stable and popular webserver technology in the world. Once running, Apache is a more capable, scalable performer than its competitors whether you are running a single Trustix™ Webserver or an enterprise wide online network. There is also complete OS compatibility, so you can run Apache on Linux or Windows networks- and at a fraction of the cost of other web servers! Trustix™ Xploit™ makes administration and deployment of an Apache Web Server an effortless task. Deployment and administration is carried out through an intuitive GUI removing the need for specialist Linux or Unix programming knowledge.

##### Price

In comparison to rival vendors, Trustix™ Web Servers represent unbeatable price vs. functionality. Starting from \$349 (with free SSL certificate worth up to \$399), our web servers provide higher ROI and a lower TCO than any rival product- delivering exponential savings to your company over a period of years.

##### Freedom

As a software solution, you are not tied to expensive hardware upgrades. Instead of investing in expensive hardware solutions, you can run Trustix™ Web Server on the hardware of your choice. You may even be able to use your existing machinery as a server.

##### Resource friendly

The efficient pre-configuration of Trustix™ OS means you need a lower spec machine to run a server of the same capacity as our rivals. Microsoft Server 2003 is very hardware intensive. In order to run an IIS web server on Microsoft Server 2003 would require a huge outlay on powerful equipment to run a web server of the same capabilities. If you do have a high spec machine then Trustix™ Web Server will maximize its potential.

##### Software selection vs. Software proliferation

Trustix™ doesn't adopt the 'every package under the sun' approach taken by Red Hat. Our operating system is targeted towards the precise needs of a server, not a desktop. Therefore, only the packages needed for an efficient server are included and all services are set to their secure defaults. By streamlining the package selection we have produced the most secure and efficient platform available for web server deployments.

Purpose built for servers and servers only



## Turnkey Solution

From box to deployment in under 30 minutes. You simply will not need to employ or retain a skilled Linux administrator to install, secure or maintain a Trustix™ Web Server. All settings have been optimized and dependencies resolved by our engineers prior to shipping. The hard work has already been done- secure default configuration 'out of the box' means you can install and deploy quickly and with utmost confidence.

## Up-to-date installation media

The cd you receive will contain the latest patches and upgrades- no need for huge downloads after you first install. Other distributions leave an 'insecurity' window where new threats may have emerged but the CD isn't yet up to date and therefore isn't secure. By constantly revising the media we distribute to include the latest patches and updates we ensure your web server has 'zero hour' relevance to the latest threats- right from the first installation!!

## Optimized for performance

Trustix™ OS creates the most efficient web server available. There are no unnecessary running services or resource hogging GUI to denigrate server performance. By maintaining a low memory resource footprint, Trustix™ OS reserves all possible processing power for the exclusive purpose of making your web server run efficiently.

## GUARANTEED to work

Unlike Red Hat, who make a general OS that can be *leaned* in the direction of being a web server, Trustix™ GUARANTEE that your web server will work as we promised it would. In combination with the instantly deployable preconfigured installation, we offer genuinely effective and tenacious support to resolve any issues you may encounter.

## Speed of response

Trustix™ is very fast at supplying patches to close any security holes that may emerge. In general, the open source model is faster at delivering patches- if more people have access to the code then more people can 'attack' the problem. This contrasts starkly to the closed source nature of Microsoft products who, by restricting problem resolution to a select band of programmers, often delay the release of new patches. Trustix™ utilize this 'wider community' as a supplement to our own team of experienced technicians to ensure that there is no vendor quicker at supplying patches and updates for your web server.

## Server, operating system and management tool in one package.

When you buy from Trustix™, you get more than just a web server. You get a complete operating system, server management tool and optimized web server in one package. You don't have to pay for a separate OS and can centrally control your web server from any Windows or Linux desktop.



### Compatible with heterogeneous networks

Trustix™ Web Server is completely interoperable with your existing network infrastructure. The XPloy™ client can be installed on any Linux or Windows desktop- allowing powerful control of your web server from any point. You don't have to overhaul your existing Windows based network as Trustix™ Web Server seamlessly integrates into your current setup.

### Zero touch Linux

The XPloy™ modular configuration tool uses a familiar Windows style GUI instead of a command line interface to administer the server. This saves your company the expense necessary to hire and retain a skilled Linux professional to maintain the server. Furthermore, companies can utilize their existing Windows trained staff to administer the server. You don't have to undergo a sea-change of IT knowledge to implement a Trustix™ Web Server- just install it and carry on as before. XPloy™ server management technology takes Linux out of the realm of the expert & into the hands of the administrator. Linux reliability- Windows ease of use!!

### Hyper optimization

Apart from tuning the operating system to maximize server security and performance, Trustix™ have also optimized Apache to take advantage of Trustix™ OS. An operating system optimized for servers and a web server optimized for its OS.

### Automated updates

SWUP will automatically install the latest updates to the installed packages. You can configure it to check for updates according to a timetable of your choice. SWUP will then download, install and update your web server- silently and efficiently keeping your server secure. SWUP also features automatic dependency resolving- eliminating any potential conflicts that may arise because of the update.

### Always guaranteed a secure update

Apart from its own array of servers, Trustix™ use a global network of secure mirrors for the dissemination of updates. Each update is verified using GPG signatures. So, even if Trustix™ servers are down, you will always be able to securely update from the mirrors. This contrasts with Red Hat who only allow downloads from their own servers. If they go down- you are unable to update and therefore vulnerable. Trustix™ has no single point of failure and ensures critical updates are always available for you to download.

### Install updates securely from any media

SWUP enables administrators to securely update installations of Trustix™ Web Server from any media (CD, Mirror Servers, FTP, Web Server etc) using GPG signature verification- free of charge. Red Hat offers the same functionality via their Proxy and Satellite Architecture Models. Unfortunately, these options require the \$2500 purchase of Red Hat Enterprise AS Premium. The Satellite model is even more expensive- demanding a separate server to run an Oracle Database. This is on top of the \$2500 cost of Red Hat Premium AS- and you still need to license the Oracle server separately!! SWUP™ enables you to update your installations across networks using remote media such as internal FTP, CD, LAN Servers and Proxy Servers- securely and completely free of charge when you buy a Trustix™ Web Server.



## Open source

The open source origins of Trustix™ OS and Trustix™ Web Server means that, should you wish to add 3<sup>rd</sup> party software at a later date, you do not need to worry about licensing costs. This allows administrators the freedom to expand their server's functionality without the crippling, year-on-year expense of renewing licenses.

## Inherent Linux reliability

Linux is well known to be the most stable and secure operating system for enterprise server deployments. Servers running on Linux are far less susceptible to attack and often have continuous up-time running into years. Compare this to the notorious insecurity and instability of Windows servers and their need for periodic re-boots. Is this the sort of chance you want to take with your mission-critical web server deployments? Customers lost because your server was down? Vital information stolen or your site defaced because of some unresolved security hole? Trustix™ have extended and built upon the Linux reputation by producing a security hardened distribution of Linux, specifically tuned to enhance the reliability of your web server.

## No security through obscurity

Security through obscurity is an attempt to secure the system by modifying the expected Linux behaviors (eg user space). This is a strategy taken by some Linux distributors in order to create an 'unbreakable' system. However, when problems do occur, even experienced Linux administrators cannot navigate the unfamiliar setup. Knowledge of 'vanilla' Linux is rendered useless in the face of a 'booby trapped' Linux distribution. In this respect, Trustix™ OS is clean and unmodified and is therefore accessible to authorized system administrators.

## Scaleable

Like all Trustix™ products, Web Server SE is scaleable to meet the needs of all business sizes. Whether you are a small business hoping to ignite your online presence or a multinational corporation that demands servers capable of intense traffic loads, Trustix™ has a web server to accommodate your requirements.

### Trustix™ Web Server allows you to:

- **Guarantee** consistent web content delivery with Apache HTTP 1.1 technology
- **Create** and maintain commercial websites and information services
- **Centralize** control of web server clusters into a single GUI interface
- **Maximize** potential customer bases with total cross-browser compatibility
- **Secure** online transactions using SSL and HTTPS protocols
- **Deploy** dynamic sites with support for all major scripting languages
- **Install** and deploy your server in under 30 minutes

Find out more about Trustix™ Webserver by following the links below:

[Trustix™ Web Server Features](#)

[Trustix™ Web Server Overview](#)

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