

## Complete peace of mind: The benefits of Verio Managed Private Servers (MPS)

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*Reducing server management hassles and costs with fully managed solutions.*

### Verio Managed Private Server (MPS)

Verio's commitment to open source software dates back to the company's inception. Over a decade ago, we pioneered virtual private server technology and introduced the solution based on the FreeBSD® operating system. Today we offer a variety of virtual private server (VPS) and managed private server (MPS) plans to deliver a range of high-performance, low-maintenance application and Web hosting services.

In this paper, we'll explain the features and benefits of the Verio MPS solution, which allows companies to achieve high levels of performance, control, and flexibility while avoiding server management responsibilities. In this paper, Verio examines the features of both FreeBSD-based and Linux-based managed private server hosting solutions and the benefits they deliver for a wide range of business needs and applications.

## COMMON MPS SERVER APPLICATIONS

- Host an e-commerce Website
- Support a corporate intranet
- Build a custom development environment
- Provide Web-based calendaring
- Provide multimedia applications
- Host an online game site
- Manage an email system
- Create a customer support tracking system
- Back up important data
- Host multiple Websites
- Provide database management
- Stream multimedia applications
- Deliver e-newsletters
- Run an authentication server

### A strategy for staying focused on business issues

When your business demands include delivering customers responsive Web-based services, it's often counterproductive to continuously allocate resources for the management of server technology.

With its robust Managed Private Server (MPS) solutions, Verio offers enterprise-class servers and software to power the most intensive sites and applications. You select the operating system, then the performance and capacity level that best satisfies your needs. You receive dedicated bandwidth and processing to meet the service level you chose.

After your applications are in place, you won't have to worry about disk drives, routers, or software updates. A dedicated team of Verio experts manages your server every hour of every day, and that includes live 24/7 support. You can stay focused on serving your customers and count on your Verio MPS to deliver:

- Dedicated speed and performance levels
- Abundant resources for high Internet traffic levels and applications demanding the use of extensive RAM
- Easy configuration and customization
- The ability to control access and to exercise complete control over all the Websites you host on MPS

- Unlimited accounts for Post Office Protocol (POP3) and File Transfer Protocol (FTP)
- Simplified troubleshooting
- Triple-redundant complete data backups
- Default configuration to ensure data redundancy
- Multiple IP addresses
- Managed software firewall setting

### Run the operating system that works for you

Verio MPS solutions offer both Linux and FreeBSD options. Following is an overview of each operating system and the features offered.

#### Linux® MPS

Linux now garners a significant share of the OS market, and its adoption rate continues to escalate.

- Developed and released under the GNU General Public License, the source code for Linux is available to everyone at no cost.
- A Unix®-like OS, Linux is highly functional, adaptable, and robust. Developers can easily extend functionality with e-commerce, databases, and a wide variety of applications.
- The Linux developer community is very large, so a great many Linux applications are now available. Governments around the world are now endorsing Linux as the OS of choice.

Verio Linux MPS features Red Hat® Enterprise Linux (RHEL), a widely used OS based on open standards. The RHEL operating system provides support for a GNU compiler collection (GCC) and Red Hat Package Manager (RPM). Those familiar with open-source software applications are likely to find it easy to perform basic essential configuration, administration, and troubleshooting tasks.

### FreeBSD® MPS

Businesses that favor FreeBSD-based applications have the option to select Verio FreeBSD MPS.

- As the name suggests, the operating system is free of charge.
- FreeBSD offers advanced networking, performance, security, and compatibility features, many of which are absent from commercial offerings.
- FreeBSD is an economical alternative to commercial Unix workstations. It is well suited for a large number of server applications.

### Verio FreeBSD MPS utilizes:

- FreeBSD Unix, a widely implemented corporate Unix standard
- FreeBSD version 6.X
- The Unix File System 2

### High application performance and stability

Verio MPS is an enterprise-class platform, which delivers the best open-source technology for optimum stability. The solution supports a host of mission-critical applications and tools that come preconfigured with each account:

- Hypertext Transfer Protocol (HTTP) and HTTPS
- Simple Mail Transfer Protocol (SMTP), Post Office Protocol (POP), and Internet Message Access Protocol (IMAP) for email
- File Transfer Protocol (FTP)
- Shell access tools: Telnet, Secure Shell (SSH)
- MySQL
- Apache
- PHP

A new MPS comes configured to provide Web and email services. Verio manages these core services, but you can configure them to satisfy your specific needs and rely on Verio for support. Each account begins as a copy-on-write (COW) image of a Verio-tested installation. Verio system administrators continuously manage updates to core services. And you can use Verio's vinstall custom tool to add programs or utilities to your MPS, making the installation of complex programs easy to do.

### Multiple plans to suit your price performance needs

Verio offers three MPS plans for each OS, starting at just \$349.95 month. All plans offer a common set of features, but some key performance factors differ among tiers, such as disk space, processing power, bandwidth, and memory. The table provided below highlights the main specifications.

MPS Features	MPS Basic	MPS Pro	MPS Pro Plus
Setup	\$149.95 (WAIVED)	\$149.95 (WAIVED)	\$149.95 (WAIVED)
Base Retail Price (per month)	\$349.95	\$599.95	\$899.95
CPU	Intel Xeon	Dual Intel Xeon	Dual Intel Xeon
RAM	1 GB	2 GB	4 GB
Hard Drive Configuration	3x73, RAID 1, SCSI	3x146, RAID 1, SCSI	3x300, RAID 1, SCSI
Multiple IPs *	1 included – can add up to 29 additional IPs	1 included – can add up to 39 additional IPs	1 included – can add up to 49 additional IPs
Data Transfer	1 TB	2 TB	3 TB
Triple Data Backup	•	•	•
Root Access	•	•	•

\* The price per additional IP is \$3.99 per month.

*The table below is useful for selecting your plan, based on expected application needs and user requirements.*

MPS Usage Guidelines	MPS Basic	MPS Pro	MPS Pro Plus
Average Number of Subhosts	75	125	300
Average Number of Email Users	300	500	1200

**Conclusion:**

***Verio MPS delivers more than a server.***

Verio MPS provides a turnkey solution that frees you from having to allocate time and resources to server management. Verio MPS servers support thousands of applications and development tools, while delivering world-class stability. Your applications run on enterprise-class hardware to ensure your company continuously meets its traffic and performance demands.

In addition to delivering an optimum combination of performance, control, and flexibility, you can count on Verio for world-class support. The Verio team of Internet experts delivers the full slate of system administration and management services, including security, backup, monitoring, and maintenance, allowing you to remain focused on pressing business issues.

**Verio: a smart choice.**

Verio focuses solely on turning on the power of the Internet — every minute of every day — all over the globe. We build solutions with unparalleled scalability to suit the needs of companies large and small. At the core of our company is a Tier-1 global IP network designed exclusively for Internet data transport. And we keep you at the forefront of Internet technology by continually upgrading our network. In 2000, Verio joined forces with NTT Communications, the world's largest telecommunications company. Today, we are a strong, stable IP leader and the smart choice if you demand a business partner with the resources needed to help grow your business.

**Verio's open source MPS solutions make it simple to focus on your customers and on making your business successful.**