



SOLUTION BRIEF

Easy and Powerful VPN Service with Vultr

VULTR.COM

Virtual private networks (VPNs) are critical for businesses of all sizes, enhancing online security and privacy for remote workers and those using public Wi-Fi networks. A VPN creates a secure, encrypted connection between the user and the internet, helping protect sensitive company information from unauthorized access. With more businesses relying on remote and hybrid work environments, and the increased vulnerability due to additional attack vectors, it's imperative to have a VPN to protect your [Virtual Desktop Infrastructure](#) that your remote workers use every day.

For remote workers, VPNs help prevent unauthorized access to sensitive information, such as login credentials, financial data, or confidential work documents. VPNs also make it difficult for attackers to intercept and monitor a user's online activity. These networks help your company comply with data privacy regulations, too, which is crucial when operating in an industry with strict data privacy requirements.

However, setting up and maintaining a traditional VPN can be complex, technically demanding, and costly. You also need the technical knowledge to configure and maintain a VPN network, which can be challenging for companies with limited IT resources. Further, transitioning to cloud-native environments triggers additional complications that some traditional VPNs can't handle.

The solution is a cloud-native VPN provider that can scale with your needs, meet the challenges of remote-first work, and adapt to the ever-changing landscape of a modern business. That solution is Vultr.

The Vultr VPN solution is one of our many composable features that can be seamlessly stitched together to provide an exceptional remote working experience. The combination of features allows you to make a fully customized experience for each remote employee, giving them the resources they need to work efficiently.

Vultr offers easy and affordable VPN solutions

Vultr's VPNs are designed for cloud environments and are easy to set up and maintain – even without specialized network engineers. Businesses of any size can reap the benefits of an enterprise-grade VPN while keeping costs low.





Vultr Victories: [VirtualShield](#)

[VirtualShield](#), a trusted security service, relies on Vultr's tools to power their VPN. See how they got more than expected, and found a solution that came in under budget.

[Read the case study](#)

Easy setup and management

A secure cloud-native VPN solution requires a secure server to run the VPN application. Vultr offers affordable, flexible, and customizable options for VPN application cloud computing – everything from virtual machines to bare metal servers for customers with high-performance requirements. Vultr's solution creates a VPN server on the Vultr cloud platform and then leverages a VPN client application for user control. You can install various applications automatically from the Vultr Marketplace, including [OpenVPN](#), [UTunnel VPN](#), and [Pritunl](#).

Initializing the VPN is straightforward – select a VPN application from the Vultr Marketplace and deploy it to your server of choice within the Vultr environment. Setup is also simple and requires little technical expertise. Although Vultr takes a self-service approach to setup so that you can complete the process in your own time, support staff are always available to help if you run into challenges.

Vultr's VPN solution also offers customization options. For example, you can configure access policies for your business, set up additional security features, and add or remove users as needed. The solution is also scalable, and it's easy to increase or decrease the resources allocated to the VPN server to meet your changing requirements. Managing these features is intuitive and low-maintenance, reducing upkeep costs.

Once you've initialized your VPN, Vultr manages all the infrastructure setup and upkeep. Updates happen automatically, so your solution evolves with the technology. And if your situation changes, Vultr offers the flexibility that evolving companies need. You can make changes through an easy-to-use interface or straightforward API.

A Vultr VPN solution does the backend work for you, so you and your team can focus on what matters – your product and your customers.

High performance and a reliable network

The standout feature of a Vultr VPN is the high-performance global network supporting it. Our network comprises data centers strategically located across multiple continents, ensuring reliable and fast connectivity regardless of your location. Vultr's VPN provides consistent performance, low latency, and high-speed connections by leveraging this extensive infrastructure. This global approach is fundamental if your business has remote workers who must access company resources securely and quickly worldwide.

The geographic spread of Vultr's data centers plays a pivotal role in maintaining a robust VPN service. A widely-distributed network minimizes the impact of local network issues or outages and reduces latency, so geographically dispersed workers have reliable access to the resources they need.

Another critical aspect of a Vultr VPN solution is its focus on scalability and flexibility. As your business grows and evolves, your VPN requirements change. For example, you may need additional resources or more extensive network coverage. Vultr's service adapts to your organization's shifting demands, seamlessly scaling VPN infrastructure without compromising performance or security.

In a remote world, your workers and contractors can be located anywhere. Before rolling your own data center, take a look at where your workers are. Global networks matter.

[Learn more about Vultr's cloud data center locations.](#)

VPN use cases

Users from diverse industries benefit from VPNs' enhanced security and privacy. When combined with a robust VDI solution, VPNs allow for a secure workspace for your remote employees. But VPN use goes beyond just VDI – Vultr offers several features that help empower remote workers across your organization:

- Web application developers working with sensitive code and data require a secure connection to protect their intellectual property and benefit from using a VPN. This is especially true for Web 3.0 users using [blockchain technologies](#) for true modern web applications. Even simple tasks like connecting to your [web hosting platform](#) benefit from VPN security.
- E-commerce website builders, who handle sensitive customer and financial information and must ensure data privacy and secure connections, also benefit from a VPN. This is especially important now that e-commerce applications need to be built and tested on [edge computing technology](#).
- Graphic and visual effects designers who need a secure connection to cloud GPUs for their [VFX](#) and rendering needs should also use a VPN.
- Data scientists who work on [new machine learning models](#) also benefit from VPNs. Because this work leverages sensitive internal company research or operational data, they need a secure connection to move data from long-term storage to their working environment.

Any business activity in any industry can benefit from a VPN. The best way to ensure your remote or in-office workers have a secure, reliable connection is through a cloud-native VPN like that provided by Vultr.

Network-as-a-Service

Users can leverage VPNs with a network as a service (NaaS) to connect securely to Vultr data centers, which is critical for data-intensive work such as data science and visual computing. On-demand networking resources can simplify creating, managing, and scaling networks. Combining VPN and NaaS capabilities gives users secure and reliable connections.

Data scientists often work with massive datasets that they must transmit between systems for processing, analysis, and storage. These data scientists should use a direct connection to securely connect the data centers and partner systems. This direct link via Vultr VPN and NaaS reassures users that data transmission is secure, encrypted, and optimized for minimal latency. Direct connectivity reduces the risk of data interception and manipulation, preserving the data's integrity while enabling faster processing and analysis.

Visual computing tasks like rendering, 3D modeling, and simulation also involve transmitting large files across networks. Direct and secure connectivity is crucial because these files often involve real-time collaboration. Partners can use NaaS and a Vultr VPN to create an encrypted connection between their systems and Vultr data centers without risking a dropped connection or lost data.

The Vultr difference

Vultr offers tailored, scalable solutions to any business looking to improve its online security and privacy – from startups to enterprises. We also offer several products to complement our VPN and add value.

For instance, our [DNS hosting](#) enhances a VPN solution by offering an extra layer of security on top of your VPN. This solution helps prevent DNS leaks, protects browsing history, and fends off DNS-based attacks like [cache poisoning](#) that affects multiple users who share a cache.

Vultr's sophisticated [load balancers](#) ensure that VPN traffic is adequately distributed and never overwhelms infrastructure.

Vultr also offers automatically-updated [smart firewalls](#) to protect you from the latest attacks

Affordable and transparent pricing

Many other cloud providers' payment plans are often convoluted, needlessly complex, and fail to inform you of the final cost, making it too easy to pay more than you expect. We think this does a disservice to the customer.

Vultr is committed to clear and transparent pricing that's as easy to understand as it is affordable. When [VirtualShield](#) switched to Vultr for a VPN solution (among other products), they saved around a quarter of a million dollars per year – for the same services they were already using!

Ongoing support

The Vultr advantage goes beyond services and value for money. We also provide 24/7 support and assistance to users worldwide. Our support team is always available to help with setup and maintenance. As the VP of engineering at VirtualShield attests, "They have consistently exceeded our expectations."

Getting started with VPN

If you're looking for an affordable way to enhance your organization's online security and privacy, Vultr can help. Our comprehensive and robust VPN service helps protect sensitive data and support your remote workforce while ensuring a seamless and secure browsing experience.

Vultr offers a scalable and customizable service, user-friendly setup and management, a high-performing and reliable global network, and transparent pricing.

 **Check out Vultr's offerings and our easy start guide to learn how we can help you set up your own secure cloud-native VPN.**