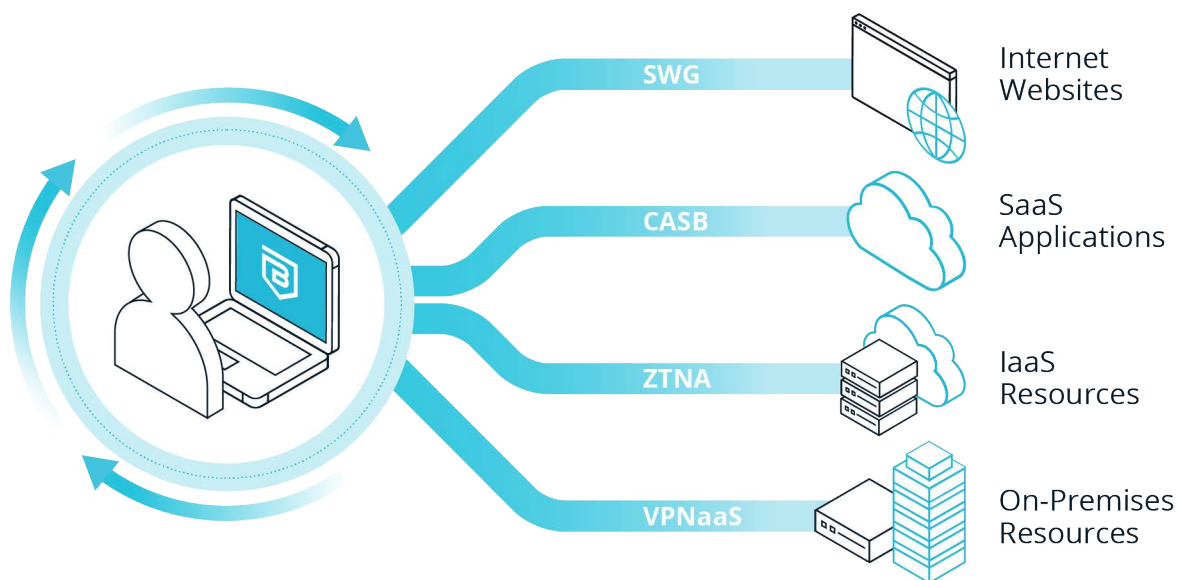# The Banyan Security Platform

VPNaaS (VPN as a Service)

A Security Service Edge (SSE) solution, the Banyan Security Platform offers all of the components needed to provide the modern workforce secure access to applications, resources, and infrastructure while protecting them from the realities of internet threats. The platform is the industry's leading device-centric Security Service Edge (SSE) solution, offering ZTNA, VPNaaS, CASB, and SWG components on top of a patented zero trust architecture.

SWG — Internet Websites

CASB — SaaS Applications

ZTNA — IaaS Resources

VPNaaS — On-Premises Resources

Platform Benefits

Unlike other vendors bolting together acquired products, the Banyan Security Platform was built from the ground up for the cloud, delivering benefits that extend beyond any single component. For example, continuous authorization, device trust, and certificate management are handled seamlessly, delivering superior security and usability across components. A single pane of glass provides visibility into who accessed what, when, using which device. Users no longer have to try and figure out which access method or credential set to use. And of course, robust APIs and integrations make it easy to incorporate into your existing environment.
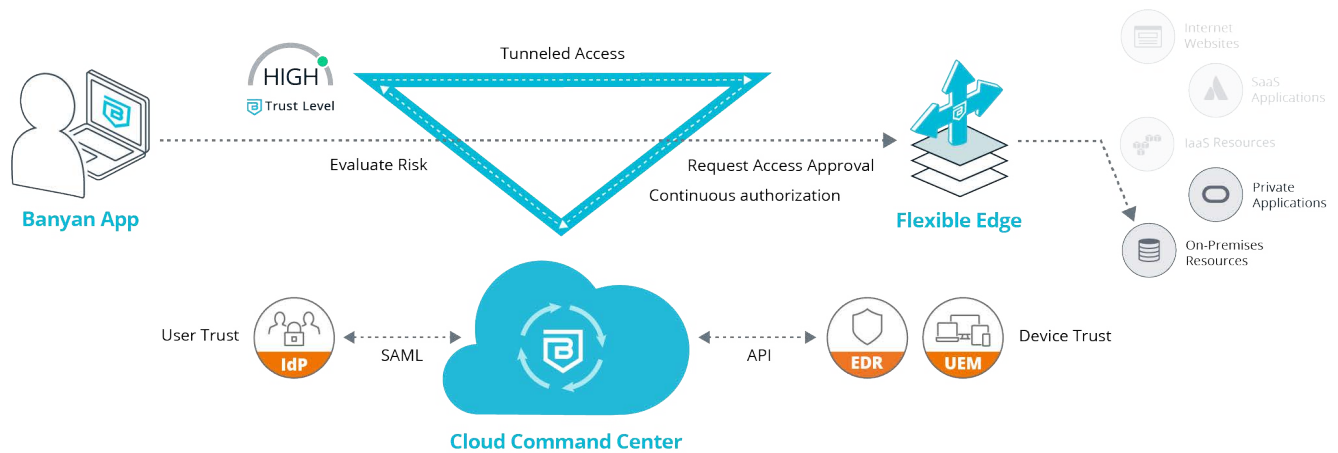
Banyan Security VPNaaS

Traditional VPN solutions have some limitations and challenges for enterprise customers, such as high costs, complex management, scalability issues, and security risks. That's why organizations are increasingly turning to cloud-based VPN services, which offer several benefits over legacy VPNs.

However, even with the arrival of zero trust network access (ZTNA), there are some use cases that VPN as a Service (VPNaaS) is well-suited for, and Banyan's VPNaaS offers numerous advantages:

User Experience	VPNaaS delivers a consistent experience, regardless of worker or resource location, making it easy for remote employees or contractors to securely access the organization's resources.
Scalability	Quickly and easily scale VPN capacity up or down according to need, without having to purchase or deploy additional hardware or software.
Cost-effectiveness	VPNaaS eliminates the need for expensive hardware and software licenses, making it a more cost-effective solution than traditional VPN appliances.
Easy Management	VPNaaS is managed by Banyan Security, freeing organizations from needing to maintain or manage their own VPN infrastructure, freeing up IT resources for other tasks.
Security	The Banyan Security Platform's VPNaaS incorporates zero trust enhancements such as continuous authorization with device trust, along with the latest crypto cipher suites, to ensure VPN data is secure and protected.
Flexibility	Instead of installing and configuring VPN software and hardware on each device or location, enterprises can simply connect to Banyan's VPNaaS via the internet and enjoy a fast, secure, and reliable VPN connection enhanced with zero trust.
Rapid Deployment	VPNaaS can be quickly deployed, with many Banyan customers getting their first service made securely available in less than 15 minutes. Additional connectors can be added globally, on any hypervisor and cloud platform, in seconds.
Visibility	A single configuration and management platform provides insights into users, devices, applications, and activity for your entire global deployment.
Decision-less Tunneling	A single, unified login gets users authorized access without needing to choose a specific appliance or gateway.
High Performance	High-speed cryptography results in secure networking with a great experience.

VPNaaS provides a more flexible, cost-effective, and scalable solution for organizations looking to securely connect remote workers or branch offices to their network resources.

Fast Facts

The Banyan Security Platform supports robust VPNaaS features and functionality, including:

- High-performance WireGuard foundation with continuous authorization and device trust

- Full tunnel support

- Simplified split-tunneling permits policies based on IPs, CIDRs, and domain names

- Enhanced SaaS application security uses source IP validation and verification to further secure third party applications

- No limits on applications or protocols, including support for SIP and VOIP

- Tunnel discovery. Quickly and easily create granular tunnel policies based on what users access internally and externally.

- Multi-org client makes it easy for contractors to be enrolled with all of their consulting client companies

- State-of-the-art cryptography support including the Noise protocol framework, Curve25519, ChaCha20, Poly1305, BLAKE2, SipHash24, and HKDF

- Support for Windows, macOS, and Linux as well as iOS and Android mobile devices

The Banyan Security Platform – Team Edition is the easiest and most secure VPNaaS you'll ever use.
Get the free trial today, deploy in your own environment, and see for yourself.

About Banyan Security

Banyan Security provides secure, zero trust "work from anywhere" access to applications and resources for employees and third parties while protecting them from being phished, straying onto malicious web sites, or being exposed to ransomware. A Flexible Edge architecture enables rapid, incremental deployment on-premises or in the cloud without compromising privacy or data sovereignty. A unique device-centric approach intelligently routes traffic for optimal performance and security delivering a great end user experience. Banyan Security protects workers across multiple industries, including finance, healthcare, manufacturing, and technology. To learn more, visit www.banyansecurity.io or follow us on Twitter at @BanyanSecurity.