

SSL VPN Authentication Through Two Factor Authentication

The advantage and necessity of bilateral authentication is the solid offensive and defensive strategy that addresses the volatile and dynamic state of internet threats, man-in-the-middle attacks and the ever evolving list of vulnerabilities facing organizations today.

As such, SSL VPN Authentication has become not just a method of security, but truly a requirement for a multi-layered approach to network management and data security. With the increase in mobile and remote workforces as well as consumer mobility and demand of anywhere access to accounts, Secure remote access that is legitimate without being cumbersome to network users or administrators is a necessity.

SSL VPN authentication is a cost effective solution to the headaches of remote access. Offering numerous security features designed around the core challenges of data integrity and protecting the confidentiality of information passing through the network.

A key benefit of SSL VPN authentication is the ability for granular control over an organizations security policies and procedures. Remote access leveraging SSL VPN authentication solutions are an improvement on the traditional choices, which eliminate the vulnerability associated with lost or stolen tokens or other PKI authentication issues subject to attack by viruses and other malicious programs. In addition, by eliminating the need for expensive tokens, cost barriers for large enterprises are dramatically reduced.

Many security products claim security, easily managed interfaces or deployments, but often times the infrastructure is so awkward and unmanageable in large networks. With tokenless two factor authentication solutions, an end-user logs in to a secure authentication server to register a password. At that point they are then given a one time password through an alternative medium, such as text message, email or phone, where they are required to answer a series of security questions. Once the user has successfully completed this process, they are authenticated with a certificate granting them VPN access.

SSL VPN authentication utilizing two factor authentication solutions grants secure network and web-application access without an expensive and vulnerable token hindering the security process.

About the Author

As an avid technology lover, Sam Brown follows tech movements within network security solutions, including [two factor authentication](#), tokenless and strong [SSL VPN Authentication](#) solutions.

Source: <http://www.spivo.com/articles>