Stonesoft SSL VPN 1.5

Stonesoft SSL VPN 1.5 Datasheet

Stonesoft SSL VPN is available as a physical or virtual appliance.

Secure Access to Your Applications

Stonesoft SSL VPN solution offers a flexible and secure remote access to enterprise information, applications and networking resources. It delivers the secure access cost-effectively by establishing an encrypted VPN tunnel across the Internet. The solution brings network resources as close as the nearest Internet connection, regardless of connectivity media or device.

Stonesoft SSL VPN acts as an HTTP/HTTPS proxy server between the user and back-end systems.

Strong Authentication

The solution supports many different authentication systems, including several native Radius servers and transparent integration with existing authentication techniques.
The authentication methods can be chained together to build a holistically stronger authentication process.

Designed with ergonomics in mind, SSL VPN strong authentication can use free software tokens available for a wide variety of platforms.

This allows you to use the device you're most keen on as an authentication tool, no matter if a laptop, table, smartphone.

With SMS based authentication, one time passwords are securely sent via text message to mobile phone, making authentication process simple yet very secure.

Minimize user interaction while preserving multi-factor strong authentication with Stonesoft Invisible Token, where your browser is your... token.

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Single Sign-On
Stonesoft SSL VPN grants transparent secured access to multiple data and applications, thanks to extensive Single Sign-On support.

Available for both web and client/server applications such as file-share access, Remote Desktop, SSH and others, SSO allows the easiest and most office-like user experience when outside the company network.
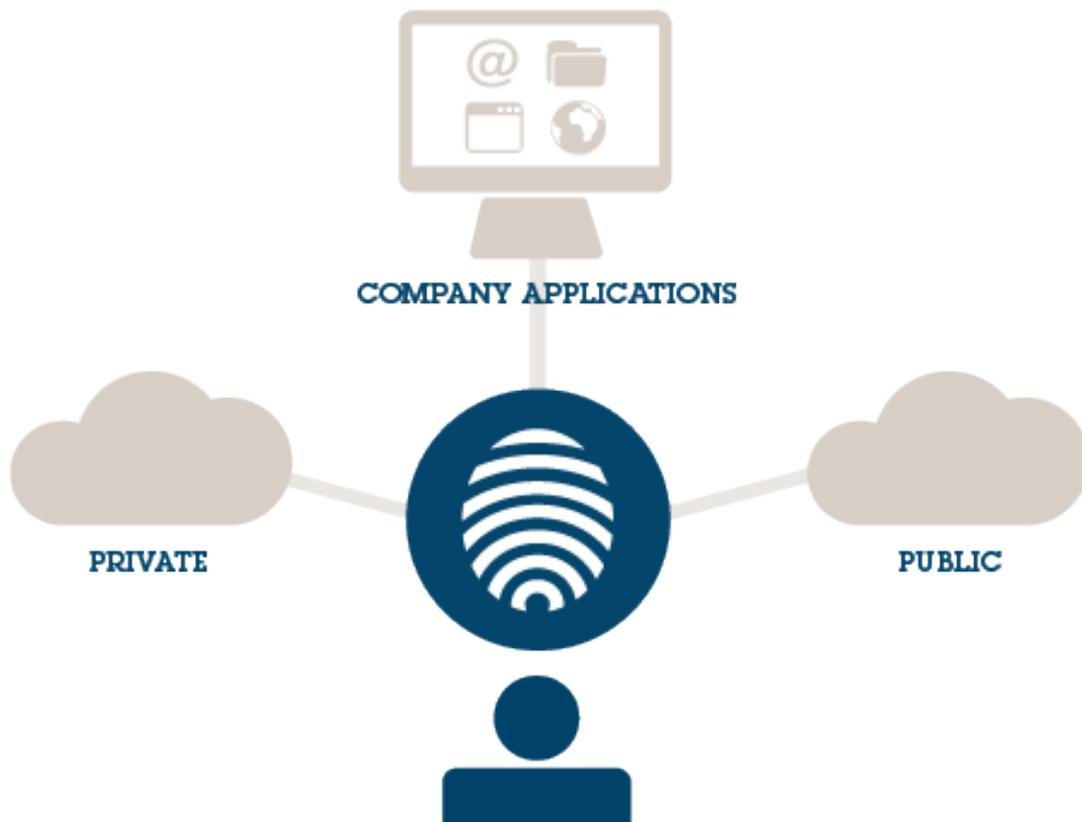
Granular Access Control
The resource access strategy is built by combining multiple access rules based on different criteria and combinations.

This allows to verify the security context and posture of the connecting client all along the operating session.

Including advanced trace removal at the end to ensure that no relevant traces are left behind.

Standalone or Managed Deployment
Stonesoft SSL VPN can be deployed as standalone system as single node configuration or in mirrored mode for resilience and high availability. Or it can be connected to a Stonesoft Management Center for unified management, monitoring, centralized log processing and alert escalation.

COMPANY APPLICATIONS

PRIVATE

PUBLIC

KEY FEATURES

Integrated Access Control

Invisible Token	Invisible Token is a completely web based two factor Authentication method, It relies on username and password for the first factor. Then the user can provision his browser with a SMS OTP to create the second factor, the browser.
Mobile Text	One-time password (OTP) distributed via SMS
Web	Java applet or ActiveX component is launched prompting the password Password is hashed and encrypted before it is returned
Challenge	Response is generated with Mobile ID software using PIN OTP: Seed + PIN + Challenge
Synchronized	Response is generated with Mobile ID software using PIN OTP synchronized between the client and server
Password	Standard password authentication
Third party interoperability	LDAP, RADIUS, RSA SecurID, Active Directory, IBM RACF, OATH support, Secure Computing SafeWord RemoteAccess, X.509 certificates / PKI, SAML (Web Browser SSO profile with HTTP Redirect and HTTP POST bindings), ADFS (WS-Federation Passive Requestor Interoperability Profile). Identity Federation includes metadata support for simplified configuration

Encryption

Third party interoperability	TLS v 1.0 SSL v 2.0 SSL v 3.0 AES-128 AES-256	DES 3DES RC2-128 RC4-128

Application support

All web-based applications. Virtually all IP (TCP/UDP) based applications, dynamically downloaded access client via Java or ActiveX for cross-platform support (Windows, OS X and Linux)

Single Sign-On

Available for Web and Client/Server applications such as Remote Desktop, Fileshare Access, SSH and Telnet.
Customisable, auto-learning or based on one-time ticket or cookie to fulfil all transparent login needs. Includes support for multiple SSO domains per user.

Preconfigured applications
- MS Outlook Web Access 5.5, 2000/2003/2007/2010
  MS Outlook Client 2000/2003/2007/2010
- Domino Web Access
- Mail Client (SMTP/IMAP/POP3)
- Terminal Server 2003/2007/2010
- File Sharing Access to Home Directory
- SalesForce
- Citrix XenApp
- MS SharePoint Portal Server 2003/2010

These templates can be modified to create your own application wizards.

Assessment and Trace Removal

The solution includes ability to verify the security posture of Windows, OS X and Linux connecting clients using a number of criteria which can be combined for best efficiency. This verification can be scheduled to happen at beginning of the connection and at defined intervals, to ensure consistency along all the session.Optionally, it is possible to enable trace removal at the end of the connection to avoid leaving behind sensible data.

Management and administration

Web interface	Wizard-driven web interface for all administration tasks
Delegated management	Enables a quick shift of administration rights from one organizational level to a lower one. Restricted administrator rights can be granted for administrators that don't need full level access, i.e. helpdesk operators
Multi-domain support	Multiple virtual application portals can be hosted within one Stonesoft SSL VPN system. The user interface and access policy can be customized independently for each domain
Real-time alerts	Threshold-based triggers and alerts for proactive awareness through e-Mail and SMS
Centralized Stonesoft Management Center	Enterprise level centralized management, logging and reporting system. See more details from SMC datasheet

Reliability, high availability and scalability

Hardened, integrated operating system

Load sharing and availability monitoring with Stonesoft Server Load Balancing or standard external load balancers

Fault-tolerant sessions and disaster recovery with mirrored access points