

Juniper® Networks

Secure Access



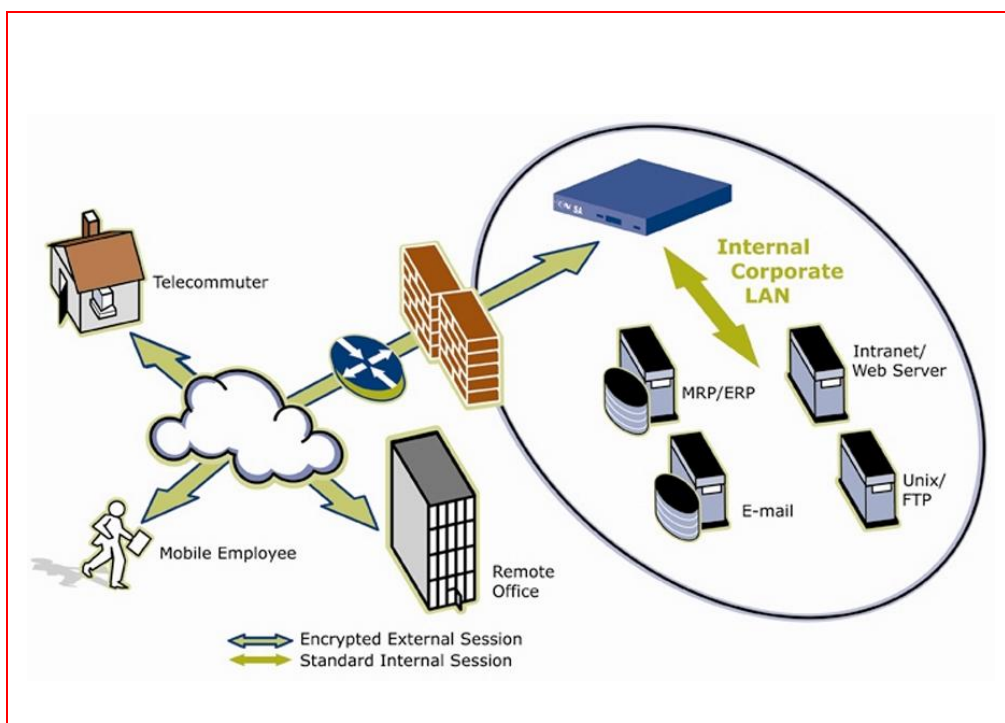
ABOUT JUNIPER NETWORKS

Juniper Networks transforms the business of networking by creating competitive advantage for our customers with superior networking and security solutions. Juniper Networks is dedicated to customers who derive strategic value from their networks, including global network operators, enterprises, government agencies and research and educational institutions. Juniper Networks' portfolio of networking and security solutions supports the complex scale, security and performance requirements of the world's most demanding mission critical networks.

BUSINESS CHALLENGE

Businesses are experiencing an increasing need to provide telecommuters, mobile employees, small branch locations, business partners, and customers with easy and cost-effective remote or site-to-site access to corporate applications and resources. The security challenge is commensurate with the growth and variety of external audiences. The need to ensure that only authorized users are granted access is becoming mission critical. To provide true network security, the access method itself must be bulletproof, and controls must be put in place to manage the identity of the individual who is accessing network resources, not just the computer. In addition to encryption, a key component of secure remote or site-to-site access deployment is end-user authentication. Many security experts regard passwords as inadequate and recommend two-factor strong authentication.

Juniper Networks and RSA Security provide a compelling security solution incorporating SSL or IPsec VPN solutions with strong two-factor authentication that is flexible, scalable, and simple to administer. This combination of security technologies provide businesses with secure access solutions that are easy to administer for telecommuters and business partners.



SOLUTION DESCRIPTION

Juniper Networks' VPN solutions, in conjunction with RSA SecurID® strong authentication, provide secure remote and site-to-site access to corporate assets.

The Juniper Networks NetScreen Secure Access SSL VPN appliance requires no client-side hardware or software, no changes to servers, and virtually no ongoing support. Users access the appliance via Secure Socket Layer (SSL) connection, included in all standard Web browsers, for easy access to enterprise resources and applications. The Secure Access appliance intermediates the client request, performs authentication against the RSA® Authentication Manager and provides further authorization and access control functions. The Secure Access appliance includes dynamic access privilege management features that consider a variety of attributes to ensure that each user's session adheres to security policies, whether they are mobile employees accessing the LAN from a managed PC or a business partner accessing an extranet from an untrusted network. Additional fine-grained authorization and access control functions are enhanced through a certified and supported integration with the RSA Security Access management solutions.

To establish secure site-to-site communications, Juniper Networks' ICSA-certified IPsec VPNs provide cost effective and resilient connectivity. Juniper Networks' dynamic route-based IPsec VPNs create highly available networks that survive connection failures by automatically finding alternate routes, while accommodating for changes in the network.

The RSA SecurID solution comprises three components: RSA Authentication Manager software, RSA Authentication Agent software and an RSA SecurID Authenticator. The RSA Authentication Agent software functions much like a security guard, standing between users and the Juniper Secure Access server to enforce two-factor authentication via RSA Authentication Manager software. RSA SecurID two-factor authentication is based on something you know (a PIN) and something you have (an RSA SecurID authenticator)-providing a much more reliable level of user authentication than reusable passwords. To ensure the authenticity of each user, the RSA Authentication Agent software will prompt the user to enter their PASSCODE (PIN + token code from the RSA SecurID authenticator). Access is granted only when the user has entered a valid RSA SecurID PASSCODE, otherwise access is denied.

**KEY FEATURES & SOLUTION BENEFITS****Integrated solution**

Juniper Networks and RSA Security provide a compelling security solution that is flexible, simple to administer, and very robust

Proven and reliable

RSA Security's strong, two-factor authentication solution has been embraced by thousands of companies and is used by millions of users worldwide. The Juniper Secure Access appliances are best in class VPN solutions.

Enterprise scalability

The Juniper Secure Access and RSA SecurID solutions scale to meet any enterprise need.

Lower total cost of ownership

The Juniper Networks and RSA Security solution dramatically lowers the cost of ownership for remote and site-to-site access. No client hardware is needed, no changes are required to servers, and ongoing maintenance is virtually eliminated. The convenience of using RSA SecurID authentication and the Juniper Secure Access SSL VPN or site-to-site IPsec VPN ensures that the solution will be used properly.

ABOUT RSA SECURITY INC.

RSA Security Inc. helps organizations protect private information and manage the identities of people and applications accessing and exchanging that information. RSA Security's portfolio of solutions—including identity & access management, secure mobile & remote access, secure enterprise access, secure transactions and consumer identity protection—are all designed to provide the most seamless e-security experience in the market. Our strong reputation is built on our history of ingenuity, leadership, proven technologies and our more than 15,000 customers around the globe. Together with more than 1,000 technology and integration partners, RSA Security inspires confidence in everyone to experience the power and promise of the Internet.

For more information, please visit

www.rsasecurity.com.