

NetProtect 2.0

DigiSAFE Unveils NetProtect 2.0 Solution With Enhanced Scalability and Management Features



DigiSAFE launched their secured VPN solutions - NetProtect 2.0 - which offers users ease of implementation and management, as well as a host of new features.

DigiSAFE NetProtect 2.0 facilitates managed secure communications in a variety of situations such as mobile, teleworking, WAN and LAN communications.

In this latest release, DigiSAFE NetProtect 2.0 is available in three editions to suit diverse operations and requirements of companies.

The **NetProtect Workgroup Edition** is an entry-level VPN solution that is ready to use out of the box. It comprises a VPN Gateway with 5 clients and is designed to address the telecommunication needs of SOHO businesses that require secured access to their office servers or to communicate securely with other companies.

The **NetProtect Office Edition**, which is intended for Small and Medium Enterprises, constitute a Gateway with up to 50 clients. The Office Edition can be deployed to connect branch offices via the Internet to the head office and also supports dial-up from remote locations for travelling executives. With the packet-filtering feature, the Office Edition Gateway maintains a greater control over information access both ways.

Similar to the Office Edition, the **NetProtect Enterprise Edition** comprises a Gateway platform with up to an unlimited number of clients. A powerful and user-friendly Central Management System (CMS) is provided to manage the Gateway, Client, users and policy configurations. This CMS is tightly integrated with all the other NetProtect components to provide a

complete management tool for an enterprise VPN setup. With this centralized management console, administration of security policies over the network will be made easier and installation becomes effortless.

As NetProtect is a software module that lies at the network layer, it secures all IP applications such as TCP and UDP Based on Simple Key-Management for IP (SKIP) encryption, NetProtect allows for automatic certificate exchange, sessionless protocols, perfect forward secrecy (PFS) and as well as multicast and unicast packets for 1Pv4 and 1Pv6. It provides fine-grain control over user access to corporate resource, user-based authentication, with the strictest encryption code and intelligent logging features.

As a critical component in the NetProtect 2.0 solution, the NetProtect Gateway secures and authenticates IP packets entering the protected network. Thus, as a packet-filtering firewall, it controls data access in and out of the gateway.

With features such as access control firewall, NetProtect Gateway is able to seamlessly integrate into existing security or network infrastructures, thus allowing corporations to

leverage their existing and future application investments.

Licensing is based on the total number of registered nodes protected by the NetProtect Gateway. With this straightforward approach it will eliminate the problem of exceeding vendor-imposed number of concurrent sessions.

In addition to features available on other VPN solutions in the market, NetProtect 2.0 is also Netrust-Ready and will be ICSA certified soon.

Major Enhancements

- **Built-in Firewall capabilities**
NetProtect Gateway is now able to perform packet filtering on incoming and outgoing IP traffic. Policies can be setup to restrict user access to particular services, e.g. SMTP only.
- **Centralised Management**
With the inclusion of the centralised management system, NetProtect administrator can now setup and modify the configurations of the VPN gateways remotely and centrally. Even the configurations of clients can be performed remotely.
- **Support for PKI**
NetProtect supports Netrust public key infrastructure.

For more information, circle 113 or contact Chan Nai Tong at 7790925 or email: channt@pacific.com.sg

DigiSAFE NetProtect joins the Rank of Netrust-Ready Products

Users of DigiSAFE NetProtect can now look to employing the use of Netrust Digital Certificates for a stronger user and site authentication.

With Netrust support, DigiSAFE NetProtect is now able to provide an even higher level of assurance through the use of Netrust Sold Digital Certificates. This smartcard-based digital certificate support is a two-factor authentication mechanism that is stronger than pre-shared secrets.

To help create an online identification and security system for any individual or corporation conducting monetary transaction and communications over the Internet, digital certificates are often used as the equivalent of a person's signature or thumbprint in cyberspace. Netrust Digital Certificates help confirm the identities of parties involved in these E-transactions and applications.

The Gold Digital Certificates deployed in DigiSAFE NetProtect are issued on smartcards and this provides the highest level of user and server security or identification for electronic commerce and high value transactions. Netrust is the " Certification Authority in Southeast Asia and provides businesses and government departments in Singapore a complete online identification and security infrastructure to enable secure electronic commerce and other online transactions across the Internet.

DigiSAFE NetProtect is a complete VPN solution that enables the secure communication of information over intranets and the Internet. A notable feature is that it offers strong traffic encryption using 56-bit key for DES, 168-bit key for Triple DES and 128-bit key for SAFER-SKI 28.

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