

**Kent Ridge Digital Labs and CET Technologies Pte LTD combine technological and market knowledge to create and distribute NetProtect, a Virtual Private Network software that provides security of enterprise information communication over Internet/Intranet**

Singapore, June 1998 – While the internet brings new markets and business opportunities, an open and insecure network prevents businesses from sending data over the web. NetProtect is the impregnable security solution.

NetProtect is developed by Kent Ridge Digital Labs (KRDL) and marketed by CET Technologies Pte Ltd (CET). Under the agreement, CET gains the rights to distribute and enhance KRDL's NetProtect range of information security products locally and overseas.

Said Dr Juzar Motiwalla, Chief Executive Officer of KRDL, "What prevents organisations from taking advantage of business opportunities over the Internet is security. Data transmitted over an open and insecure network can be intercepted, modified and replayed. An impregnable security solution is therefore essential."

On-line banking, electronic commerce, telecommuting access and electronic mail are showcases of the Internet potential. There is already an estimated 70 million Internet users worldwide. By the year 2000, the figure could grow to more than a billion users.

"There is indeed enormous potential in Internet commerce and electronic transactions. As a communication channel, Internet is cost-effective but everyone is concerned about the security of the data and transactions over the Internet," said Mr Ng Chong Khim, General Manager of CET Technologies. "NetProtect, based on IPSEC and SKIP, is well placed to address the concerns of companies and users of Internet. It ensures the security of information and transaction while ensuring conformance to standards. CET have the resources and channels to market NetProtect worldwide while continuing to upgrade and enhance the products".

#### Grim security features

NetProtect's security features are grim. With NetProtect, network security administrators can be assured that the most advanced security and exchange technologies are being employed to guarantee secure corporate networking over an open and untrusted TCP/IP (Transport Communication Protocol/Internet Protocol) network, which includes the worldwide web, file transfer protocol and telnet mail.

Administering and managing users as part of the security control policy can be done remotely. This means the gateway address need never be revealed, guarding it from attacks and break-ins. A NetProtect Gateway at the entry point carries out critical security checks for all incoming communications.

#### Versatile design

The design and implementation of NetProtect is based on Internet Protocols Security (IPSec) and Simple Key Management for Internet Protocols (SKIP) for Windows 95 and Windows NT environments.

Companies can use NetProtect to establish Secure Virtual Private Networks (SVPN) or secure intranets over open networks such as the Internet. NetProtect can provide secure communication for end-to-end connection, host-to-gateway connection and gateway-to-gateway connection over TCP/IP networks.

NetProtect for Solaris will be available later this year. NetProtect is armed with the strongest possible encryption technology. These include the 56-bit DES, three key triple DES, 128-bit SAFER and other encryption algorithms for traffic and key encryption.

#### About KRDL

Kent Ridge Digital Labs (KRDL), pronounced cradle, is a leading software R&D lab in Asia, employing some 400 research scientists and engineers from all over the world. It was formed by the merger of the former Institute of Systems Science (ISS) and the Information Technology Institute (ITI).

As an applied IT R&D lab, KRDL's charter is to spearhead research and development in information and networking technologies. It collaborates actively with industry to develop and transfer leading-edge software technologies in five market areas: learning, knowledge, ubiquity, biomedical and transportation.

#### About CET

CET Technologies Pte Ltd (CET) is the communications arm of Singapore Technologies Electronics Limited (ST Elect). CET has, over the past two decades, built up extensive experience and expertise to be the leading System house in the region for communications, electronics for defence and transportation businesses. It has vertically integrated the processes of design, development, production, system integration, maintenance and system upgrade to be a one-stop solution house for its customers.

CET has develop a series of information security products, known as DigiSAFE. The DigiSAFE Information Security Architecture provide customers with hardware and software solutions to ensure secure corporate communications.

#### Singapore Technologies Electronics Limited

Singapore Technologies Electronics Limited (ST Elect), a company of Singapore Technologies Engineering Ltd, is the leading electronics system house in the region. ST Elect specialises in the design, development and integration of advanced electronics systems such as intelligent building systems, communications and transportations systems, microwave and VSAT systems, command & control systems, and simulation systems.

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