

The EverLink® DSAE Engine

Digital Signature Authentication and Encryption



Security is breached as messages are maliciously intercepted, cut off, changed or reproduced on the network. This creates a huge threat to all network users because enterprise mission-critical business applications reside on the servers of an organization's processing center, and users use simple client devices such as dumb-terminals to access the applications.

Anyware Technology Inc. has launched a perfect solution tailored to these network security concerns, EverLink Digital Signature Authentication and Encryption Engine (EverLink DSAE Engine). Combined with EverLink SRAC server, EverLink DSAE can effectively authenticate the identities of the parties involved in network message exchange, eliminating the possibility of fabricated documents and preserve data integrity. Data message encryption will prevent any original data from unauthorized access or interception for the purpose of reading or altering messages. PKI technology creates non-repudiation in business transactions by authenticating the identities of participating parties. Perhaps the most desirable feature of EverLink DSAE is that all the above benefits can be provided without changing or modifying your current application system and network structure. The system is scalable and flexible and can be widely used in the banking, on-line trading, insurance, taxation, industrial, hotel, markets, government, military, energy, electronic communication, publishing, engineering, and manufacturers etc.



Main Features

- Supports X.509V3 certificate – utilizes digital signature to authenticate client identification, especially for banking and stock exchange businesses.
 - Data integrity in transmission – avoid data interception and fraudulent activities such as data alteration.
 - Non-repudiation technology – authenticate transactions by making them undeniable.
 - Strong encryption – eliminates data theft and alteration during transmission.
- Requires no changes to existing application system.

Product Highlights

- Support various applications.
- No changes to existing network structure and application system. DSAE Engine is completely transparent to the users.
- Product is in compliance with industry standards and all parts are from industry qualified manufacturers.
- Box design in compliances with industry standards. Fits on desktop or in standard rack-mount.
- Low power consumption, fast, and stable. It requires minimum hardware environment setting (no temperature, moisture, or electronic magnetic requirements).
- LED indicators allow users to check on the status of operations at all time.

Specification

- Product Dimensions: 19" x 2U x 26cm
- Power Requirement: Internal power supply, 220V; 110W
- Working Temperature: 0-50°C
- CPU Chipset: VIA 694X/VIA 686B
- Memory: Hyundai P133 64M
- CPU: celeron 633/128/66/1.7V
- NIC: Topstar 10/100M
- DOM: FEIYA 8M
- Connection:
 - LAN connection, 1 RJ45-100Base-TX (10/100Mbps)
 - Serial port: 2 RS-232 9-Pin port
 - USB: 1 USB port
- LED: power indicator, working indicator

Compatibility

- Network: TCP/IP, ICMP, ARP, UDP
- Application protocols: HTTP, FTP, Remote Login, Microsoft LAN Manager, finger, Telnet, Lotus Notes, Sybase Database, ident, Oracle Database, POP2, Informix Database, LDAP, DB2 Database, PC Anywhere, SQL Database, CVS, X-Window, Shell, RPC, UUCP, Apple-Talk, POP3, Weblogic
- Network Tunnel: SNMP MIB II
- IP: passive, RIPv1 (optional), RIPv2 (optional), OSPF (optional)
- Security: supports X.509V3 standard certificate format, and digital signature of data
 - Authenticates the identities of sender and receiver in network communication
 - Guarantees data integrity, irrefutability and privacy
- Throughput: support 10/100M LAN connection

Standards Compliant

DES, 3DES, RC2, AES, RSA, SSL, PKCS1, PKCS3, PKCS5, PKCS7, PKCS8, PKCS10, PKCS11, PKCS12, PKI, X.509, X.500, ASN.1, CMS, HTTP, POP3, SMTP, ARPA NTM, MIME

EverLink DSAE Illustration

