

# SSL/TLS

## Overview

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**SSL (Secure Sockets Layer) and TLS (Transport Layer Security) are integrated with Secure Telnet (TN3270), SecureFTP, and Entrée (CSI's Web-enabled transaction server), providing a complete set of services to secure e-business transactions.**

- Uses data encryption, digital signatures, PKI certificates, and secure hash functions to prevent messages from being camouflaged, passwords from being hacked, and transactions from being denied
- Implements industry-standard security protocols in the z/VSE environment
- Includes secure versions of TCP/IP applications, such as FTP, TN3270, and the Web server
- Provides Application Programming Interfaces to enable SSL security in other z/VSE TCP/IP applications
- Exploits hardware-assisted cryptography for block ciphers such as DES and AES, as well as Crypto-Express2 for RSA operations
- SSL/TLS is an optional product that is included with your TCP/IP for VSE distribution—simply obtain a product key code for activation



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