

# SecureFTP

## Overview

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# SecureFTP

**SecureFTP provides user authentication, privacy, and integrity for commands and data transmitted using the FTP protocol.**

- Transmit critical files that can contain vital information, such as
  - ✓ Product ideas or corporate secrets
  - ✓ Customer names and addresses
  - ✓ Credit card or Social Security numbers
  - ✓ Confidential contracts
  - ✓ Legally protected medical information
  - ✓ Source code to computer software
  - ✓ Physical asset locations
- Implements both the SSL 3.0 and the TLS 1.0 standards for security
- Industry standard algorithms assure compatibility with a wide variety of other vendors and platforms that also support secure SSL-enabled FTP servers and clients
- Implements numerous industry protocols, such as
  - ✓ RFC2246 (Transport Layer Security)
  - ✓ RFC1321 (MD5 message-digest algorithm)
  - ✓ RFC2104 (HMAC)
  - ✓ RFC2459 (X.509v3 PKI certificates)
- SecureFTP relies on a number of integrated components, including
  - ✓ PKI (Public Key Infrastructure) for identification
  - ✓ RSA for key exchange algorithms
  - ✓ DES for data encryption
  - ✓ MD5 and SHA-1 for message hashing
  - ✓ HMAC for message authentication
- SecureFTP 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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