



Computer Security Products Inc.

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# CSP FTP Shield

## Introduction

Confidentiality is a key aspect of data security and FTP is a very common and easy way to transport data from location to location within the intranet, extranet or even across the Internet. Yet although FTP is a widely adopted standard for exchanging files across different platforms, the standard implementations of FTP have no encryption capabilities, which means that anyone using a Network "sniffer" can monitor and store any data passing across the IP network.

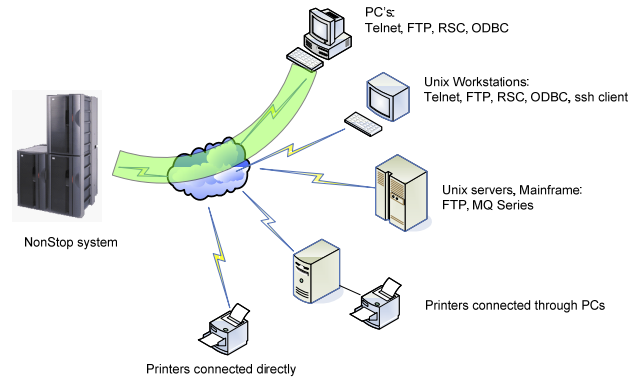
Data that can be viewed and stored in this way may include customer data, credit card information, transactions or data logs.

Standard FTP on a NonStop® server also requires the requesting user to enter his ID and corresponding password for authentication. Without the ability to restrict specific users from accessing the system through FTP or from accessing specific files, the use of the standard FTP server can cause severe security concerns.

## CSP FTP Shield

An increasing number of FTP clients for the PC platform as well as for other platforms support the "FTP-TLS" specification as discussed by the Internet Engineering Taskforce.

CSP FTP Shield is an add-on to the standard FTP on the HP NonStop® platform (FTP and FTPSERV), which implements "FTP-TLS" by wrapping a TLS proxy around the FTP client or server.



CSP FTP Shield takes incoming requests from secure FTP clients and forwards them to FTPSERV. It makes FTPSERV compatible with every compliant FTP client.

In addition FTP-TLS proxy, secure file transfers can be performed with the standard HP FTP client and any compliant FTP server. By adhering to the FTP-TLS standard, the file transfer over the network is fully encrypted

## Requirements.

Guardian NonStop Kernel D45.XX, G06.29 or later. OSS is not required. FTP client or server compliant to "draft-murray-auth-ftp-ssl-09.txt" (see [www.ietf.org](http://www.ietf.org))

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