SafeVelocity™ Client & Server

An Intelligent Transfer Solution
Providing increased reliability, security and performance when transferring large files.

Benefits
- Cost savings
- Ensured delivery
- Increased security
- Faster throughput
- Bandwidth optimization
- Supports large file transfers
- Accelerated network transfer
- Compatible with standard FTP
- Substantial transfer time reduction
- Intelligent automated com pression
- Concurrent file pre-processing and transfer
- Automated post-processing of received files

Management for File Transfers
SafeVelocity is a highly advanced file transfer program specifically designed to provide secure and reliable transfer of files over a LAN, WAN or the Internet. Many of the features of SafeVelocity have been specifically designed to address the problems of transferring large files from gigabytes to terabytes! SafeVelocity is ideal for transferring large engineering or database files or for any enterprise or service provider that regularly moves large quantities of data across networks.

Compression, Encryption, & Transfer in One Step
With SafeVelocity's PIPEPUT capability, file generation &transfer can be done concurrently on-the-fly. The transfer starts as soon as the first byte is generated. This speeds up the whole transfer process. For large file transfers, many hours or days can be easily saved. The PIPEPUT ability is completely encapsulated in the SafeVelocity client which means the site you are transferring files to need not have SafeVelocity server installed.

Increased Reliability
Before transferring files, SafeVelocity checks to ensure that adequate disk space exists on the target machine. During transmission, SafeVelocity performs block level checksum. After transmission, SafeVelocity compares the transmitted file size against the original file to ensure data integrity and complete transmission. In the event of an error in file size, checksum error or a broken communications line during the transfer, SafeVelocity automatically resumes the link and completes the transfer from the point of error or interruption. The combination of these features ensures file delivery.
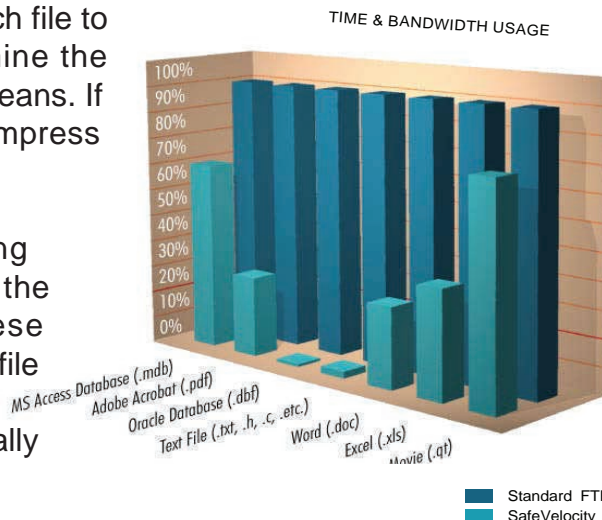
Increased Security
SafeVelocity is hacker-resistant. Instead of invoking sub-processes like most transfer programs, SafeVelocity is a threaded application that never invokes a subprocess. Character buffers are always cleared & boundaries are always checked to foil hacking. Therefore, computer hackers will never be able to exploit sub-processes or character buffers. Unlike most FTP programs, SafeVelocity safeguards system security by transmitting encrypted passwords. SafeVelocity's proprietary compression further protects the data stream, by providing a form of encryption. Furthermore, SafeVelocity is interoperable with tcp-wrappers to uphold security. These security safeguards significantly limit the possibility that malicious operators can exploit these known security holes of traditional FTP products.

Solution-Soft™

Performance

During transmission, transfer speed is increased using intelligent & dynamic, on-the-fly compression and decompression as well as parallel processing threads. The dynamic on-the-fly compression is turned on and off based on network speed, traffic and compressibility of the data to automatically provide optimal performance. SafeVelocity's utilization of threaded processing allows the CPU to perform several tasks in parallel. Think of the savings in bandwidth, queue time, network congestion, computer time, system management time, backup time, and employee time. For each file to be transferred, SafeVelocity polls the network to determine the effective throughput rate, and sends the file by the fastest means. If determined to be faster, SafeVelocity will automatically compress files before sending and then decompress them upon arrival.

Additionally, performance can be further enhanced using SafeVelocity's delta-file transmission, which enables only the changed portions of a file to be transferred. When these performance-enhancing features are combined, the result is file transfers with unmatched performance that require no special actions by the user. It does this for all files automatically and transparently

TIME & BANDWIDTH USAGE

Standard FTP
SafeVelocity

Ease of Use

SafeVelocity offers a multi-platform GUI as well as a simple & scriptable command-line interface, familiar to users of standard ftp, to reduce training and administration time.

Interoperability

Using the SafeVelocity Client, you can upload or download files to or from any server or workstation. Due to its open standards-based design, SafeVelocity is compatible with standard FTP products.

Availability

SafeVelocity Software is currently available for Linux and all major UNIX platforms (HP HP-UX, IBM AIX, & Oracle Solaris).

Ordering information

For more information or to order, please contact our sales team at sales@solution-soft.com, 1+ (408) 346.1400 or visit our web site **www.solution-soft.com** to download a free 30-day evaluation copy.

svtp transfer progress

sv-gds.gdz

73.7 / 74.9 MB   98%

0.7 MB/s   5s

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