

## Etere Adopts SFTP Protocol for Secured Video and Data Transfers

Etere launches SFTP protocol for secured video and data transfers. SFTP provides the highest level of protection against security breaches at every stage of the data transfer process. The launch is part of a free upgrade by Etere, one of many regular tech refreshes that are rolled out regularly to keep your system at the forefront of technology.



Secure File Transfer Protocol



Etere SFTP



Etere Ecosystem

In today's data-driven world, the speed, security, availability and accuracy of data sent and received matters. For many broadcasters and media distributors, content is king and up to thousands of files are exchanged during daily operations. To minimize your security vulnerabilities and secure your critical data, Etere upgrades to the highest level of security with **SSH File Transfer Protocol (SFTP)** that protects your data during transfer operations. This is a free upgrade that can be enabled across the **Etere Ecosystem**.

### SFTP Provides the Highest Level of Security for Data Transfers

SFTP ensures data integrity and security by applying SSH2 Message Authentication Code (MAC) to hashed data payload packets, which are encrypted in the data stream. SFTP verifies the identity of the client and once a secured connection is established, information is exchanged. During the data transfer process, SFTP executes multiple layers of security protocols including

- **Encryption:** Files are encrypted to prevent interceptions during transfers
- **Public Key Authentication:** Authenticates users on top of existing password and public-key authentication protocols
- **Data Integrity and Authenticity Checks:** Verifies source of transmitted file and checks whether the file content has been changed
- **Host Authentication:** Enables clients to verify whether the server is the intended server

### Key Benefits of SFTP

- SFTP servers support large file transfers very easily and efficiently
- Multiple files can be transferred from one server to another in one go
- Safeguards all vulnerabilities throughout the file transfer process
- Uses a tunneling transfer method
- Encrypts the data before sending it to another host
- Transmission is secure and can be compressed
- Supports both password and public-key authentication
- Provide support for IPV6 HTTP protocols
- Helps you to handle server key re-exchanges transparently
- Implements the SSH3 protocol
- Support for TMUX, Screen sessions
- Allow incoming and outbound connections on port 22

## About Etere

Since its beginnings in 1987, Etere has been preparing users to be ready for the future. Etere is a worldwide provider of broadcast and media software solutions backed by its mark of excellence in system design, flexibility and reliability. Engineered in Singapore, the revolutionary concept of Etere Ecosystem promotes real-time collaborations and enhances operational efficiency across the entire enterprise. Etere Ecosystem software solutions including Media Asset Management, Channel-in-a-Box, Newsroom, Ad Insertion, Airsales, Automation, Broadcast Management System, Censorship, HSM Archive, Logging, OTT/VOD Delivery, Radio-Live, Subtitling and Captioning software are built with an integrative Web and Windows architecture that are customisable to fit perfectly in any system. Etere system is developed by 4 different groups in different countries to ensure reliability and quality. Etere delivers on its service excellence commitment with its dedicated team and a 24/7 worldwide support. Its portfolio of digital technologies and market-proven remote/on-site solutions including consultancy, training, installation and demonstrations are ready to run with your business no matter where you are. Etere enhances your adaptability for the future and empowers you with the software tools to drive your business to greater heights. [www.etere.com](http://www.etere.com)

