



How to Set Up an SFTP Connection with Alden

What Is SFTP?

SFTP (Secure File Transfer Protocol) is a secure method for transferring files between systems. It uses SSH encryption to protect data and ensure integrity.

Why It Matters

- **Encryption:** Commands + data are encrypted.
- **Authentication:** Uses SSH keys.
- **Reliability:** Prevents unauthorized access and ensures data integrity.

Step 1 – Gather Required Information

- SFTP server address (e.g., transfer.aldensys.com)
- Port number (default: 22)
- Username
- SSH private key
- Remote directory path (upload/download location)

Step 2 – Install an SFTP Client

Choose a client based on your platform:

- **Windows:** WinSCP, FileZilla
- **macOS/Linux:** Built-in sftp command or Cyberduck
- **Automation:** LFTP or Python (paramiko)

Step 3 – Configure Authentication

Key-based authentication (recommended)

1. Generate SSH key pair
2. Send **public key** to Alden
3. Configure client to use **private key**
4. If firewall access is needed, allow IP: **173.226.4.77**



Password-based authentication

- Enter username + password in your SFTP client

Step 4 – Test the Connection

Alden's Project Manager will schedule a connection test with your team.