# Technical Documentation: Clausematch Document Sync

## Business Scenario

To streamline compliance operations, the organization required a way to automate the retrieval, filtering, and storage of core compliance documents into a centralized SharePoint document library. Clausematch routinely exports compliance documents to an Amazon S3 bucket; however, the manual process of retrieving, validating, and uploading the latest versions to SharePoint proved to be time-consuming, error-prone, and inefficient.

## Solution Overview

This solution automates the process of retrieving, filtering and saving the core compliance documents from Amazon S3 Bucket to SharePoint using Microsoft Power Automate.

Steps:

* Fetch Clausematch compliance documents from an Amazon S3 bucket.
* Filter and identify the latest versions of core compliance documents.
* Store these filtered documents in a SharePoint document library.

## Technology Stack

1. Power Automate Flow: Automates the entire document sync process on a scheduled interval.

* Amazon S3 Bucket Connector: Retrieves files from the S3 bucket where Clausematch exports documents.
* SharePoint Connector: Writes filtered files to SharePoint document libraries.

1. SharePoint Document Library: Stores the final filtered compliance documents for reference and collaboration.

## Environment Variables

* SharePointSiteUrl: URL of the SharePoint site where the library is hosted
* SharePointLibraryName: Name of the SharePoint document library used for storing documents
* CoreComplianceDocumentIds: A list/array of document IDs (or keywords) used to filter relevant files
* S3TargetFolder: (Optional) S3 folder path to scan for Clausematch exports