US DEPARTMENT OF HOMELAND SECURITY USES COMPRESSION TO ACCELERATE FILE TRANSMISSION ACROSS A DISTRIBUTED ENVIRONMENT

CASE STUDY

Business Challenge

The Citizenship and Immigration Services arm of the United States Department of Homeland Security (DHS - CIS) monitors and manages a global database of individuals of interest. This database consists of passports, photos, and other documentation that must be rapidly accessible in a distributed environment. However, many of the existing files in the database were bloated in size, causing slow transmission and load times. This large government agency needed a compression solution that would maintain the highest possible document fidelity of color scans in order to more efficiently manage time-sensitive scenarios.

Solution

After two years of evaluating compression software solutions, DHS - CIS purchased two unlimited licenses of Foxit PDF Compressor to process their documents. PDF Compressor optimized all existing and incoming files so that data could be more readily accessed from the database leading to faster transmission and load times in a low-bandwidth environment.

Results

By implementing Foxit PDF Compressor, the federal government agency was able to create documents that were significantly smaller in size, while still maintaining image quality and document fidelity. Files were more readily accessible and easier to transmit across their distributed environments leading to better management of time-sensitive scenarios.

> **"** PDF Compressor allowed for faster transmission and retrieval of documents, even in a low-bandwidth environment.

Benefits

Objective	Benefits Achieved
▶ Compress image documents for more efficient file access.	✓ Image documents were significantly compressed for faster transmission and accessibility in time-sensitive scenarios.
▶ Maintain document fidelity.	✓ Foxit software was able to compress documents while maintaining image quality for the best possible output files.
▶ Faster transmission and retrieval of documents.	✓ PDF Compressor allowed for faster transmission and retrieval of documents, even in a low-bandwidth environment.