



API Interface Option

MOVEit DMZ server is an enterprise-level, Internet-facing, encrypted transfer and storage portal. Programs and users can securely exchange files, messages and Web form postings via MOVEit DMZ. This can be done on an automated or on-demand basis using MOVEit or third-party clients (including regular Web browsers) that support the SSL-encrypted AS2, AS3, HTTPS and FTPS/TLS as well as the SSH2-encrypted SFTP/SCP2 transfer methods. In addition to its Web and secure FTP interfaces, MOVEit DMZ has an XML-based API interface that is accessible using MOVEit DMZ API clients. This document offers an overview of the MOVEit DMZ API interface and its Java and Windows clients.

The MOVEit DMZ API interface and clients offer third-party programs (including Web applications) programmatic access to a wide variety of MOVEit DMZ services and administrative capabilities. [For additional details, please see the "Web Applications and MOVEit DMZ Services" document.]

- Create, transfer and delete files, messages and Web form postings**
- Create, manage and delete users, folders and permissions**
- Securely store files, messages and Web form postings**
- Run pre-defined reports and create and run custom reports**
- Utilize the built-in MOVEit DMZ user database**
- Retrieve detailed status and report data about the above**

Third-party control of MOVEit DMZ services and administrative functions requires use of a locally installed copy of the MOVEit DMZ API Java class or the MOVEit DMZ API Windows COM component. The API Java class is typically used by Java programs and requires Sun Java v.1.4.2 or higher (v.1.5 preferred). The class comes with a precompiled, standard FTP command-line client interface for use by mainframe JCL, Unix/Linux shell scripts, and local operating system schedulers like Cron.

The API COM component can be used by ASP.NET, ASP, Access, C++, .NET, SQL Server DTS, Office, C#, VB, VBScript and others on Windows Vista Business Edition/2003/XP/2000/NT 4.0. The API COM component comes with a precompiled, standard FTP command-line client interface that can be used by FTP/FTPS scripts and batch files, as well as by the Windows' Event Scheduler.

Access to MOVEit DMZ via its API interface requires prior authorization and authentication with a valid username and one or more factors (a password, HTTPS client certificate and/or IP address). All communications between the DMZ API interface and its API clients are protected by the 128-bit SSL encrypted, firewall-friendly HTTPS protocol, which uses only a single firewall port (443). All file transfers between the DMZ API interface and its API clients receive automatic SHA1 integrity checks and automatic transfer retry and resume for file Non-Repudiation and Guaranteed Delivery.

The MOVEit DMZ API interface is a separately priced and licensed option that permits unlimited use of the interface and the DMZ API Java class, the COM component and their command-line interfaces. The API interface is part of MOVEit DMZ v.2.0 and higher and is activated by a special license key. Acquisition of a DMZ API interface license involves a one-time license fee and annual maintenance fee. Please contact Ipswitch directly for more information about MOVEit DMZ, its API, and API clients.