

# Aspera Drive

## Secure, high-speed file sharing and sync from the desktop

### AT A GLANCE

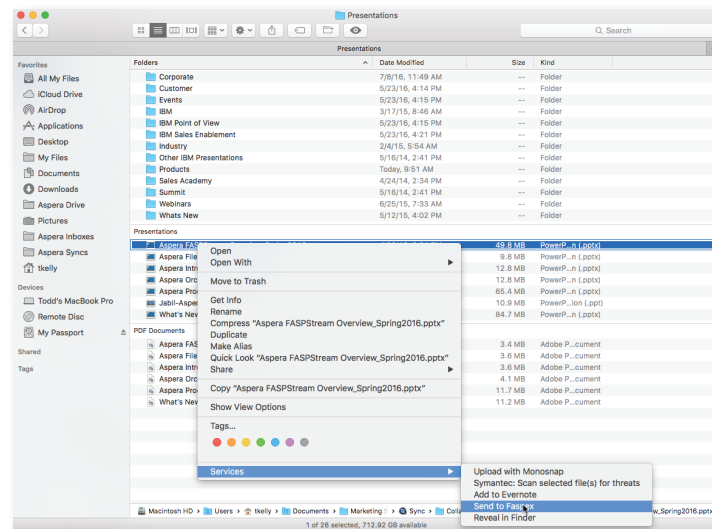
#### Key Features

- Send, share and sync huge file sizes and data sets at high speed over global distances using a desktop client.
- Built-in security with encryption over the wire and at rest.
- Integrated desktop browsing of remote projects and Shares.
- Drag and drop files or folders to initiate high-speed FASP transfers.
- Integrated Faspex package sending and receiving.
- Drive sync sessions are reported in Console.
- Supports Drive Mobile apps for Android and iOS devices.
- Notification when new packages or content is available.
- SAML authentication in addition to AD/LDAP and local user authentication.

#### Key Benefits

- Direct high-speed transfer with remote cloud and traditional on-premise storage.
- Provides access control, integrated remote transfer and email integration.
- Supports a large number of concurrent Drive sync sessions (up to 300-500 per Aspera server host).
- Enables background file synchronization with remote sites, servers and other Drive users.

File sharing and synchronization services have become popular because of the growing need to improve both data access and document sharing across teams. However, limitations in file sizes and concern over security and service levels has limited adoption to simple collaboration scenarios with small teams and small files.



Unlike the myriad of “Drive,” “File Sync” and “File Sharing” services on today’s Internet, Aspera Drive provides teams with the ability to quickly and securely share and exchange large files and data sets directly from the desktop, making it easier than ever to initiate secure Aspera high-speed transfers.

Built on top of the Aspera FASP high-speed transfer platform, Drive enables high-performance transfer and synchronization of files and data sets of virtually any size, with maximum speed at any distance, regardless of network conditions with the full access control, privacy and security.

The FASP transfer platform, which powers the Drive file-sharing ecosystem, eliminates the trade-off decisions across access, security, infrastructure and cost. Customers have the flexibility to deploy in-house on dedicated infrastructure, in the cloud with virtual servers and storage, or using hybrid infrastructure combining on premise and cloud. These options allow

organizations to take full advantage of storage and bandwidth at any location, retaining full control over security and service levels, while enjoying the fastest possible access and transfer times.

### ASPERA DRIVE – THE DESKTOP EXPERIENCE

Aspera Drive delivers an in-desktop

experience for remote transfer, sync and package exchange from Windows Explorer and the OS X desktop using the high-speed Aspera Transfer Platform. It includes support for the latest sharing and exchange features of Faspex and Shares.

### NEXT GENERATION WEB AND PLATFORM EXPERIENCE

Unlike the myriad of “Drive,” “File Sync” and “File Sharing” services on today’s Internet, Aspera Drive is powered by Aspera’s latest high-performance digital delivery platform, which unifies all of the file sharing and package sending capabilities into a web application tier that deploys in conjunction with Aspera high-speed transfer servers on premise or in the cloud.

**SUPPORTED PLATFORMS****Operating Systems**

- Windows 7, 8, 10
- Mac OS X 10.8+

**ASPERA SOFTWARE PREREQUISITES****(one of the following)**

- Aspera Shares 1.8.1 or higher, with Enterprise Server 3.5.x or higher with a Drive-enabled license
- Aspera Enterprise Server 3.5.x or higher with a Drive-enabled license
- Aspera Faspex 3.8.1, with or higher with a Enterprise Server 3.5.x or higher with a Drive-enabled license

If you require Aspera Drive with the synchronization feature, you must also have Aspera Enterprise Server 3.5.x or later with an Aspera Sync-enabled license.

**FEATURES AND BENEFITS****High-performance FASP transfer and synchronization**

- Handles extremely large files and data sets easily—including entire directory structures.
- Transfers and synchronizes files at high speed, regardless of file size, transfer distance, or network conditions.
- Provides precise bandwidth control to effectively use the entire allocated bandwidth for maximum transfer speeds, while being fair to other business-critical network traffic.
- Provides precise reporting of transfer progress and performance in Aspera Console including all Drive sync sessions.

**Integrated desktop design**

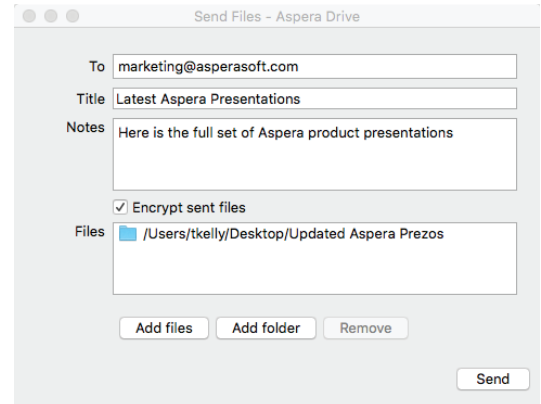
- Allows remote browsing of projects and authorized Shares directly from the desktop in Microsoft Windows Explorer and Apple Mac Finder—rather than switching to a web-based view.
- Moves files and folders easily to and from remote Shares with a simple drag-and-drop.
- Enables users to simply right-click to quickly send Faspex packages of files and folders to individuals and teams using the simple email style interface.
- Enables background synchronization to help ensure that the local Aspera Drive content always mirrors the content in the remote project Share.

**Powerful security and access model**

- SAML authentication in addition to AD/LDAP and local user.
- Combines authorization and access control for multilayered security.
- Provides security for data access and operations such as browsing, uploading, downloading, making new directories, renaming or deleting files and directories.
- Protects the data transferred with SSH authentication and encryption over the wire and at rest.
- Provides data integrity verification for each transmitted block.

**Innovative architecture**

- Unifies file sharing and package sending capabilities between the desktop and the enterprise
- Offers flexible deployment models including on premises, cloud and hybrid cloud environments using IBM Aspera Enterprise Servers.
- Enables organizations to take advantage of the elastic compute resources in the cloud, while retaining security and service levels.
- Provides multitenant domain management and integrated remote transfer node support for on premises or cloud infrastructures.
- Supports direct-to-object storage transfers to, from and among IBM SoftLayer®, Google Storage, OpenStack Swift, Amazon S3 and Microsoft Azure Blob cloud platforms.

**About Aspera**

Aspera, an IBM company, is the creator of next-generation transport technologies that move the world's data at maximum speed regardless of file size, transfer distance and network conditions. Part of IBM Cloud, Aspera software is powered by the Emmy®-award-winning FASP® protocol to deliver the fastest, most predictable file-transfer, share and sync experience across on-premises, cloud, and hybrid infrastructure. Aspera's core technology delivers unprecedented control over bandwidth, complete security and uncompromising reliability. Organizations across a variety of industries on six continents rely on Aspera software for the business-critical transport of their digital assets.

Learn more at [www.asperasoft.com](http://www.asperasoft.com) and follow us on Twitter @asperasoft for more information.