IBM Aspera mobile apps

High-speed transfers for iOS and Android mobile devices

Key benefits & capabilities

- High-speed file transfers powered by the Aspera FASP® transfer technology

- Seamless access to image, video, and document file transfers from mobile devices

- Built-in security with endpoint authentication, strong encryption, and data integrity verification

- Minimize the challenges of transferring large files across WiFi and cellular networks – a process that is traditionally slow and error-prone

- Easily send and receive documents, images and videos through intuitive interfaces that are integrated with the device photo gallery and camera

Mobile devices used in business often need to be able to share, distribute and collaborate on data over WiFi and cellular networks. Business productivity and deadlines can be compromised by file transfer delays often encountered when working remotely and over long distances.

Aspera® mobile apps are designed to minimize the challenges of transferring large files over limited bandwidth networks. Using the patented FASP® technology, Aspera's native Apple iOS and Google Android applications efficiently uploads and downloads large files over WiFi and cellular networks, ensuring that users can access and transmit videos, files and images from anywhere on their mobile devices.

High-Speed file transfer to and from anywhere

Aspera mobile apps offer unrivaled performance for transferring large files to and from iOS and Android devices. By fully utilizing available bandwidth on wireless networks, transmissions achieve substantially higher speeds than those using traditional technologies. Users of phones and tablets with Android 4.4 or later and iOS 9.0 or greater are supported.

Seamless access to image, video, and document file transfer from mobile devices

Aspera mobile apps easy-to-use interfaces follow the familiar workflow and interaction design of native device apps while taking advantage of each device's specific characteristics. The applications are fully integrated with the media-related apps and functions, including the photo gallery and built-in camera. Users can easily find and upload any content stored on the device, and download files directly to the photo and video library.

Built-in security that protects content throughout the transfer process

Enterprise-grade security protects valuable content during the entire transfer process. Mobile apps support the complete Aspera FASP security model: authentication, encryption in transit and at rest using strong cryptography, data integrity verification to protect against man-in-the-middle attacks, and FIPS 140-2 compliance.

Aspera on Cloud Mobile for iOS and Android

Exchange files using Aspera on Cloud SaaS
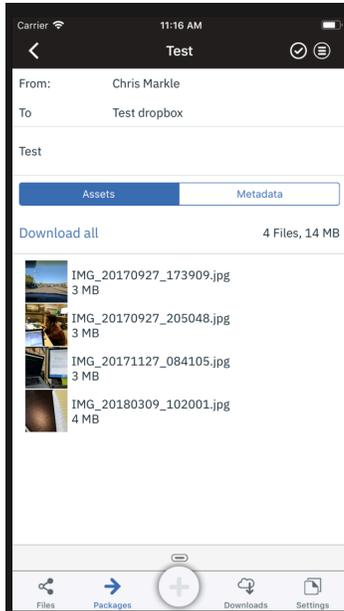
The Aspera on Cloud mobile app helps users quickly exchange files and folders from their mobile device. Users can upload and download Aspera on Cloud packages from a variety of interfaces and manage those transfers from within the app. Ideal for remote teams that need to share content, the app seamlessly integrates into a user's file sharing workflow.

Feature highlights

Upload and download Aspera on Cloud packages

- Use an email-like paradigm to compose and send packages to Aspera on Cloud users, dropboxes or external recipients.
- Download whole packages or individual package items to the mobile device.
- Access multiple Aspera on Cloud accounts and workspaces from the app.
- Attach metadata to submitted packages.
- Alert your team to newly-uploaded packages via Aspera on Cloud notifications.

**Submit content from a variety of interfaces**

- Create and send Aspera on Cloud packages from your photo & video library.
- Use the device camera to directly capture and transfer photos and video.
- Transfer files from other mobile apps that offer the Aspera on Cloud sharing extension.

Manage transfers from your mobile device

- Validate submission of the proper assets using thumbnails of video and image files.
- Track transfer progress within the app.
- Pause, resume, delete transfers and adjust the transfer rate when needed.

Faspex™ Mobile for iOS and Android

Distribute and receive Aspera packages of files
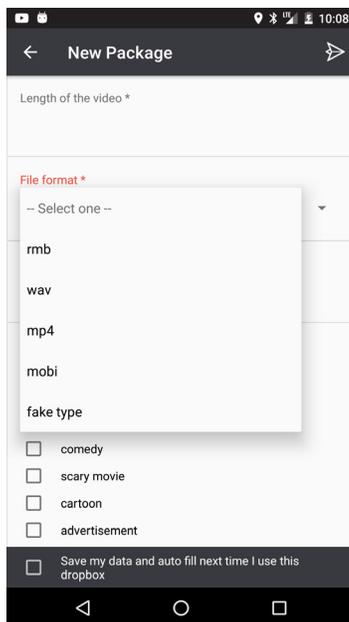
The Faspex™ Mobile App for iOS and Android is a client app for the Aspera Faspex web application. Users can send and receive any content by initiating high-speed FASP transfers using the Faspex email-style workflow, adapted to the native style of the device. The application helps many users review and approve high-definition content from remote locations while on their mobile devices.

Feature highlights

Easy-to-use interface

- Intuitive user interface makes it easy to compose, send and receive standard Faspex packages.
- In-progress packages can be saved to the Drafts folder, a component of the workflow that is driven by users' needs, not application requirements.
- External users can receive and open a package without a Faspex account.

**Deep integration with the device camera and photo gallery**

- The device camera can directly capture photos and video and include them immediately in a package.
- "Raw" video can be sent at maximum device resolution or, on iOS devices, optimized for file size and picture quality at 720p and 1080p resolution.
- On iOS devices, low, medium and high encoding settings control the video bit rate (low: 2Mbps; medium: 4 Mbps; and high: 8Mbps)

Interoperable with Faspex™, Aspera Connect, Cargo, and Outlook Add-in

- Packages originating from a Faspex server or any Faspex client can be downloaded directly to the mobile device.
- Users have the option to download whole packages or individual items from a package.
- Option to send packages with metadata as defined by the Faspex administrator.

Drive Mobile for iOS and Android

Exchange and share content hosted on remote file systems
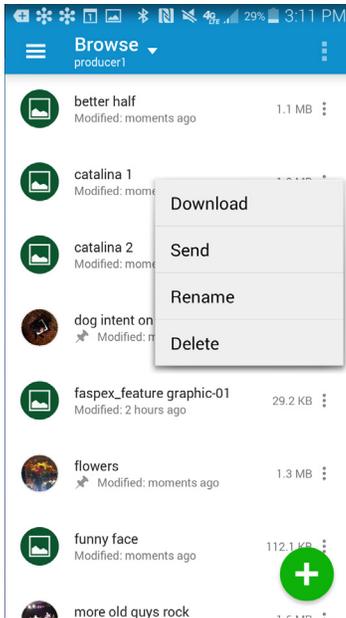
Aspera Drive Mobile brings the power of Aspera collaboration solutions to mobile devices. With the Aspera Drive Mobile app, companies can provide employees, customers, and partners the ability to remotely browse and transfer files and folders from or to remote Shares at highspeed. The application allows users to quickly distribute large digital assets, empowers collaboration through mobile devices, and enables secure workflows around person-toperson delivery of mission-critical data.

Feature highlights

Powerful browse, filter & sort capabilities

- Easily browse remote files and folders in multiple authorized Shares, or multiple transfer server nodes, directlyfrom the mobile device interface.
- Sort and filter file and folder views for easier browsing.
- Quickly launch previously downloaded content, including identifying when content has changed on the server.
- Receive notifications when a new or updated "version" of a downloaded file is available.

Native mobile app look and feel

- Directly capture and transfer photos and video using the device camera.
- Upload from the camera, photo/video collections, or files created by other apps on your device.

Mobile Uploader for iOS and Android

Submit content remotely
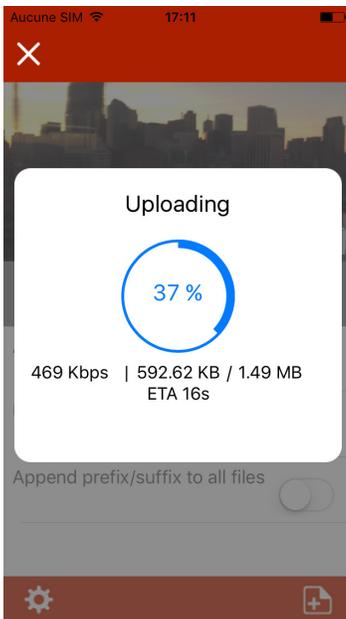
The Aspera Mobile Uploader offers a simple Aspera high-speed file transfer for mobile devices. Based on Aspera FASP, the Aspera Mobile Uploader lets you upload photos or videos from the media library on your smartphone or tablet, or directly from your phone's camera to mobile-enabled Aspera servers.

Feature highlights

Simple mobile uploads

- Upload from photo/video collections, or from files created by other apps on your device.
- Upload single or multiple items from any app that supports the device's sharing functionality, including typical photo and video apps.

From iOS devices

- The user determines the resolution of uploaded video that is being directly captured from the device camera up to the full resolution of the camera.
- Video may be uploaded at full resolution, or at graduated high, medium, and low resolution settings designed to optimize file size and picture quality.
- Transfers will continue to run in the background during phone calls or when using other applications for up to 10 minutes.
- If an upload cannot finish in time, it will be automatically stopped and restarted when the user returns to the app.

From Android devices

- Rename files prior to upload or specify file name prefixes and suffixes for each asset.
- Define and use multiple transfer server accounts.
- One or more destination directories can be defined for any account, allowing uploads to be directed to specific locations on the specified Aspera server.

Mobile Application SDK

Developers who wish to embed high-speed file transfer into mobile applications can leverage the Aspera Mobile SDKs for iOS and Android. The Aspera Mobile SDK offers a file transfer-oriented API for initiating, managing and monitoring highspeed FASP transfers between mobile devices and Aspera transfer servers. The Aspera Android SDK provides a Java API to transfer files using FASP on Google Android-powered mobile devices, while the Aspera iOS SDK provides an Objective C API to transfer files using FASP on iPhones, iPads, and Swift applications.

The SDK classes are designed to handle the following functions:

- Transfer execution
- Logging
- Account authentication
- Token authentication
- Managing transfer target rates

About IBM 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. Based on its patented, Emmy® award-winning FASP® protocol, Aspera software fully utilizes existing infrastructures to deliver the fastest, most predictable file-transfer experience. 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.

For more information

On IBM Aspera solutions, please visit us at https://www.ibm.com/products/aspera or contact aspera-sales@ibm.com.

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