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## Key benefits

- Transfer large files to and from iOS and Android mobile devices that would be impractically slow or error-prone with traditional technologies
  - Easy-to-use interfaces make it a snap to send and receive documents, images and videos through intuitive integration with photo gallery and built-in camera
  - Built-in security protects business-critical assets in transfer and at rest on the device, until the correct pass-phrase is entered
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# IBM Aspera Mobile Apps

*High-speed transfers for iOS and Android mobile devices*

IBM® Aspera® mobile apps deliver high-speed upload and download of large files such as images, video, legal documents, and intelligence data on Apple iOS and Google Android devices.

Built on our patented FASP® technology, they can transfer data over WiFi and cellular networks at speeds that are many times faster than traditional mobile transfer technologies.

All Aspera mobile apps fully support the FASP security model, incorporate the look and feel of native device apps, and are designed to integrate seamlessly with device cameras and photo galleries.

## Versatile apps for a wide range of use cases

Aspera mobile apps enable many different scenarios that require mobile users to upload and download large files, such as:

- Legal professionals accessing client information on an iPad
- Intelligence teams analyzing mission-critical data
- Journalists in the field publishing videos of breaking news right from a smart phone
- Medical professionals performing remote diagnosis through high-resolution images and video

## Unrivaled Aspera performance

The patented Aspera FASP-AIR® technology transfers your content at industry-leading speeds that are up to 3x faster on today's 4G and 3G networks, up to 100x faster on double-band 802.11n, and over 10x faster on low-strength 802.11g/n.



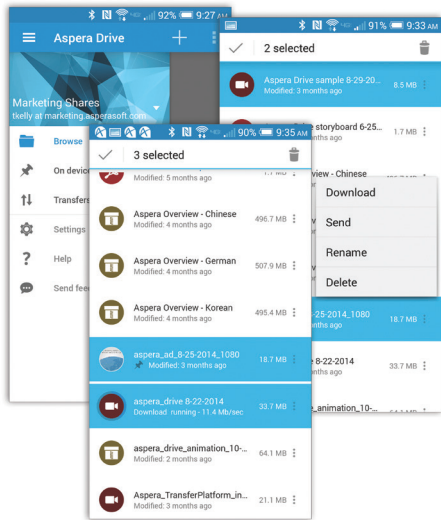


Figure 1: Screen views of the Aspera Drive Mobile for Android: Home, browsing right-click selection, downloading (clockwise from top left)

## Built-in security

Enterprise-grade security protects valuable content during the entire transfer process. Aspera mobile apps support the complete Aspera FASP security model, with secure 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.

## Intuitive, easy-to-use interface

Aspera mobile apps' interfaces follow the familiar workflow and interaction design of the native device apps while taking advantages of each device's specific characteristics like screen sizes and user interface differences.

They are also fully integrated with the media-related apps and functions, including the photo gallery and built-in camera. Downloaded pictures and videos can be copied to the library with a single click, and photos and videos can be sent directly from the library.

## Key features

- Transfers are powered by Aspera FASP transport technology, delivering speeds that are up to 3x faster than today's 3G networks, up to 100x faster on double-band 802.11n, and over 10x faster on low-strength 802.11g/n.
- Easy-to-use interfaces with the look and feel of native device apps and integration with on-device functions such as Photo Gallery and built-in camera.

- Apps can access built-in camera directly to shoot pictures and include them immediately in the package, without having to leave the app.
- Thumbnails for video and image files help ensure that users are working with the right assets.
- Transfers will continue to run in the background during phone calls or when using other applications.
- Built-in security with endpoint authentication, strong encryption, and data integrity verification.

## Use cases

- Enables faster internal distribution of large digital assets within the enterprise
- Empowers mobile collaboration for distributed teams that need to work through their mobile devices
- Extends person-to-person file delivery workflows
- Receive consolidated packages from multiple *faspex* servers in a single client
- Provides highly secure digital delivery and collaborative file transfer with external partners

## Feature highlights and benefits Fast, secure, and controlled mobile transfers

Similar to IBM® Aspera® Drive, users can use Drive Mobile mobile app to quickly download files from, or upload files to, remote Shares or server nodes as well as rename and delete content, and create folders on remote servers. Transferred files can be protected with Aspera's Encryption-At-Rest (EAR) option and decrypted on the device. Users can receive notifications for transfer status and transfer success.

## Powerful browse, filter and sort capabilities

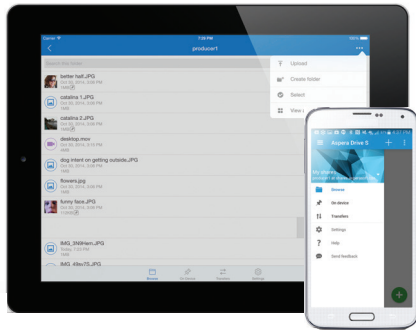
Mobile users can easily browse projects and authorized Shares, or multiple transfer server nodes, directly from the mobile device interface. They can quickly launch previously downloaded content including identifying when content has changed on the server.

## Native Android app look and feel

The app supports phones and tablets with Android 2.2 and above. Users can directly capture and transfer photos and video using device camera or upload from the camera, photo/video collections, or files created by other apps on your device. It is available on the Google Play Store.

## Aspera mobile apps

### IBM® Aspera® Drive Mobile for iOS IBM® Aspera® Drive Mobile for Android



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 with remote Shares at high-speed, harnessing Aspera's FASP technology to share files between individuals and groups. iOS and Android users can transfer and share their data within standard workflows on their device including sharing from within other applications, sending directly from the image gallery and device camera, and notification of new content availability and transfer status with system notifications.

### IBM® Aspera® Faspex™ Mobile for iOS IBM® Aspera® Faspex™ Mobile Android



Aspera *faspex* Mobile for both iOS and Google Android enables faspex users to send and receive faspex packages on their mobile devices with a familiar email-style workflow. Notifications inform recipients of new content available for download, which can be viewed inline or stored on the device directly to the Gallery.

### IBM® Aspera® Mobile Uploader



The Aspera Mobile Uploader lets users upload photos or videos from the media library on an iPhone or iPad, or directly from device camera to mobile-enabled Aspera servers (including Aspera on Demand for Amazon Web Services).

## Sample use cases

#### Quickly distribute files and content

Enable faster distribution of large digital assets inside and outside the enterprise. For example, marketing teams require mobile access to accelerate marketing asset design review and delivery both internally and externally with partners.

#### Enhance mobile collaboration

Empower mobile collaboration for distributed teams that need to work through their mobile devices from remote locations around the world.

#### Review, approval and quality assurance

High-definition content review for remote decision-makers.

**Secure file contribution from remote users** High-speed submissions of images and video worldwide over WiFi or cellular networks.

#### Remote medical diagnosis

Review high-resolution medical images and video from remote and dispersed locations worldwide, for precise and timely diagnosis.

#### Remote content submissions

Enable submissions of high-quality footage of breaking news without sending out entire TV crews with expensive film and transmission equipment.

Empower "citizen journalists" to submit their own news footage from events on location.

## Feature highlights

#### Fast, secure, and controlled mobile transfers

Using the Aspera FASP high-speed transfer platform, users can quickly download files from, or upload files to, remote Shares or server nodes similar to Aspera Drive for the desktop. Users receive notifications for transfer status and transfer success.

#### Powerful browse, filter and sort capabilities

Users can quickly browse projects and authorized Shares, or multiple transfer server nodes, directly from the mobile device interface and receive notifications when a new or updated "version" of a downloaded file is available.

#### Native mobile app look and feel

Initiate uploads of photos, videos, and files from the camera, photo collections, or other apps on a mobile device.

#### Fully interoperable with *faspex*

Send content via *faspex* to any recipient, including *faspex* users, workgroups or any third-party with a valid email address. Recipients are automatically notified and can receive the content via any *faspex* client:

- Web browser using IBM® Aspera® Connect
- Email using IBM® Aspera® Add-in for Microsoft® Outlook
- Auto-download using IBM® Aspera® Cargo
- *faspex* Mobile app

Universal, integrated apps single app supports all devices on a given OS (iOS or Android) while taking specific advantages of each device's characteristics like screen sizes and user interface features.

#### Background upload

Transfers will continue to run in the background during phone calls or when using other applications. App also displays near real-time progress and performance.

#### Automatic resume of paused transfers

If an upload cannot finish in time, it will be stopped automatically and restarted automatically when the user returns to the Mobile Uploader app.

#### Versatile user interface

Direct access to picture and video library, and built-in camera on iPhone. Thumbnails for video and image files help ensure that the right files are uploaded.

## About Aspera, an IBM Company

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

For more information on IBM Aspera solutions, please visit [ibm.com/software/aspera](http://ibm.com/software/aspera) and follow us on Twitter [@asperasoft](https://twitter.com/asperasoft).



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