

Aspera *faspex*™

Global person-to-person and project-based file delivery and exchange

AT A GLANCE

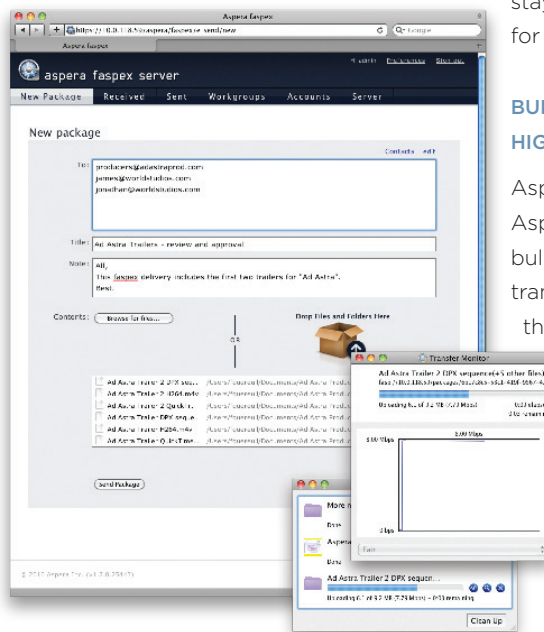
Key Features

- High-speed FASP® transfers regardless of file sizes, transfer distance or network conditions.
- Global digital data delivery and exchange using a standard browser, Outlook email client, or mobile devices.
- Browse any remote storage location and attach files or directories to a *faspex*™ package.
- Drop boxes for ad-hoc content submission from 3rd parties with email invitation and notification.
- Self-registration for 3rd parties with moderated and un-moderated configuration.
- LDAP directory services integration for user authentication and authorization.
- Full AES 128-bit data encryption available over the wire and at rest.
- Multi-server and multi-site configurations for improved performance and reliability.
- Available with Aspera On Demand as a subscription-based service.

Key Benefits

- 100% reliable, high-speed data delivery.
- Flexible options for collaborators to easily send or receive *faspex* packages using their preferred clients.
- Large-scale global project-based file exchange within and outside the organization.
- Comprehensive security protects important project data in transit over the wire and at rest.
- Built-in server, user, workgroup and package management for easy administration.
- Monitor transfer progress and performance in real time.

Aspera *faspex*™ is an easy-to-use, flexible, and secure web platform for global file collaboration and exchange. It provides an intuitive, efficient way for individuals and groups to transfer files and directories at high-speed, regardless of size, transfer distance or network conditions.



PERSON-TO-PERSON FILE EXCHANGE SIMPLIFIES COLLABORATION

With today's global teams, effective collaboration requires fast and efficient ways to share data between team members, especially as the size and number of files grows. Aspera *faspex* facilitates an easy, high-speed exchange of large files and directories over a wide area network, making it ideal for projects that involve multiple teams exchanging big data across continents and around the world.

Through a web-based interface, collaborators can create and send files and folders bundled as *faspex* packages to individuals or groups, whether they're within the organization or external partners. Aspera FASP® technology

guarantees delivery at maximum speed, while enterprise-grade security features ensure that only authorized people have access to the data. Capabilities like drop boxes for ad-hoc content submission, mobile device support, and an automated desktop downloader ensure that teams stay on top of content changes, especially for projects with tight deadlines.

BUILT ON FASP® FOR HIGH-SPEED TRANSFERS

Aspera *faspex* is powered by FASP, Aspera's unique, patented, high-speed bulk data transfer technology that transfers at maximum speed, fully utilizing the available bandwidth while remaining

fair to other business-critical traffic. Entire directories can be delivered to recipients at a fraction of the time — up to thousands of times faster than with conventional network protocols. For cloud-based installations, such as on Amazon Web Services, Softlayer and Microsoft Azure, Aspera's Direct-

to-Cloud technology also optimizes the intra-cloud transfer rates, assuring line-speed data movement along the entire path.

POWERFUL DATA MANAGEMENT, ADMINISTRATION AND AUTOMATION

The *faspex*, Shares and Drive releases are fully interoperable with one another and with remote Aspera server nodes, allowing organizations to ingest, distribute and share large content with security and fine grained access control across Aspera servers regardless of storage location. Multi-server and multi-site configurations, especially for geographically dispersed teams, provide better performance and reliability than conventional network protocols.

SUPPORTED PLATFORMS**Operating System**

- Linux
- Windows (XP, 2003, 2008, 2012)

Browsers

- Internet Explorer 9+, Firefox 27+, Safari 6+, Google Chrome 40+

Optional Aspera Software

- Shares and Drive
- Console (management web app)
- Add-in for Microsoft Outlook
- Mobile apps for iOS and Android
- Cargo Downloader

TYPICAL APPLICATIONS**Digital assets exchange**

Secure transfer of files and folders of any size between users across the globe via desktops, laptops, tablets and smart phones.

Distributed team collaboration

Fast, efficient exchange of large files or entire project folders between distributed teams using a familiar email-style workflow.

Automated file distribution

Automated receipts of digital deliveries from multiple entities save time and hassle and reduce risk of file loss in a manual process.

Review, approval and QA

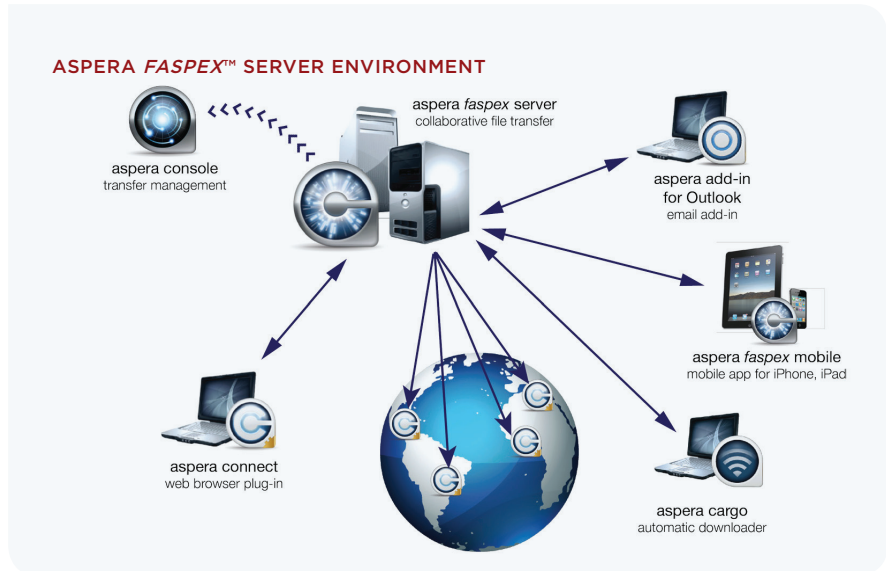
Customized drop boxes with meta data and triggers for automated post-receipt file processing.

Secure contribution from remote users and partners

Custom user registration, including self-registration, for ad-hoc submissions and distributions that do not require a *faspex* account.

ASPERA ON DEMAND

- Available via subscription on all major cloud platforms.
- Usage-based pricing.
- Packages can be stored on cloud object storage.
- Optimized cloud I/O.

**FEATURES AND BENEFITS****Maximum data transfer performance**

- Transfers are powered by FASP® — packages are sent at high speed, regardless of file sizes, transfer distance, or network conditions.
- Precise bandwidth control for maximum transfer speeds and fairness to other traffic.
- 100% reliable data delivery with automatic resumes of partial transfers, retries of failed transfers and fallback to HTTP for highly restrictive networks.
- Optimized cloud storage I/O achieves line-speed transfers along the entire path.
- Fast, lossless inline compression reduces data sizes, providing further speed boost.

Designed for fast, efficient collaboration

- Choice of interfaces for high-speed upload and download of *faspex*™ packages: browser plug-in, desktop application, Microsoft Outlook add-in, and mobile app.
- Advanced support for hybrid on premises and cloud content storage.
- Automatically forward workgroup or dropbox packages to multiple remote nodes.
- Interoperable with Aspera Drive, Shares, Cargo, Drive Mobile and *faspex* Mobile.
- Remote source publishing (on-premises and cloud) allows users to search and browse any remote storage location and attach files or directories to send in a *faspex* package.
- Private drop boxes for content contribution with tracking and notifications.
- Self-registration for 3rd parties with moderated and un-moderated configuration.

Secure and reliable enterprise-grade platform

- Enhanced SAML support with just in time provisioning of *faspex* users on SAML login.
- Automatic expiration of *faspex* user accounts based on a configurable period of inactivity.
- Integrated with LDAP directory services for import, synchronization, direct authentication, and secure authentication, scalable to thousands of users.
- Full AES-128 data encryption available over the wire and at rest.
- Option for Active / Active HA cluster configuration with shared storage.

Custom workflow integrations

- Enforceable custom metadata submission requirements and metadata validation.
- Automatic triggering of post-processing functions after upload completion.
- Custom programmatic integrations via a command line tool or a Web Services API.

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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 and follow us on Twitter @asperasoft for more information.