



# Delivering time-sensitive video sermons on time with high-speed transfers

## AT A GLANCE

### Industry

Non-Profit

### Products

Faspex™ server  
Cargo Client

### Challenge

On-time delivery of video sermons with time-sensitive messaging from main campus to multiple satellite locations.

### Results

- Enabled reliable overnight delivery of content enabling videos of Saturday evening sermons to be played at Sunday morning services..
- A 190GB package was transferred in under 10 hours over a 45 Mbps pipe versus 5GB/day with other solutions.
- Deployed an easy-to-use solution for production staff at main campus and for non-technical staff at satellite campuses.
- Expanded the use of lossless HD video content as a result of fast, secure transfers delivered by Aspera.

Today, religious organizations are turning to technology with innovative solutions that help them reach followers in geographically distributed communities with timely and relevant messages.

Trinity Fellowship, a non-denominational, multi-site church with campuses dispersed throughout Texas and Oklahoma, utilizes video content to deliver succinct, timely and relevant messages to every member of its extensive and expanding audience. Sermons at the main campus are recorded on video and then delivered to satellite campuses to be shown to local congregations, enabling Trinity to speak with one voice to all its followers.

Trinity Fellowship relies on Aspera's high-speed FASP™ transfers to deliver videos to its satellite locations in a timely manner, enabling overnight delivery of content to satellite campuses over 325 miles away. With Aspera, a Saturday evening sermon is ready to play at each of its locations in time for Sunday morning services - an unachievable turnaround time prior to Aspera.

## CHALLENGE

As Trinity Fellowship grew and added more satellite locations, they needed to ensure they were presenting a consistent message to all their followers, but the distance between locations posed a challenge. Previously, live sermons at the main church campus were captured onto file-based

recorder, multi-camera edited and transferred to hard drives, which were then driven to the church's first satellite campus located 30 minutes away from the main location. This process worked well until the church added locations outside of a reasonable driving distance. Trinity needed a way to deliver the sermons, which were often time-sensitive and tied to specific events or holidays, to each location quickly to maintain relevance.

*"We're one body. We're one church. We have one message, and we want everyone to hear it at once. With Aspera, we can reach our audience without latency."*

 **Michael Wells**  
Executive Director of Operations,  
Trinity Fellowship

In preparation for the additional locations, Trinity had tried several on-premise and cloud-based file sharing and transfer solutions, but they all lacked the transfer speed, reliability, and ease of use that Trinity required. Large file transfers of lossless High Definition video files often failed, requiring repeated transfer attempts, or forcing Trinity to rely on an H264-based video compression workflow that resulted in smaller file sizes, but required an additional 2 hours of time for conversion, required careful monitoring of each transfer and conversion, and was prone to errors in image conversion quality.

## BENEFITS

**Fast transfers:** Enables Trinity Fellowship to send large high-definition videos to their satellite campuses at maximum speed, regardless of file sizes, transfer distances and network conditions.

**Strong security:** Built-in user authentication and data encryption in transit and at rest ensures that Trinity Fellowship's content remains safe throughout the transfer process.

**Ease of use:** Built-in email notifications alert staff when data packages have been received, eliminating the need to log in and check for incoming deliveries.

**Automation:** Cargo Downloader automatically downloads received packages to users' PCs, making it easy for non-technical staff at satellite campuses to access new content.

**Scalability:** Trinity Fellowship can easily scale their Aspera *fastpex* license as their needs evolve, all the way up to 10 Gbps transfer capacity.

## ABOUT TRINITY FELLOWSHIP

Trinity Fellowship is a multi-campus church with one mission in mind: to help you Experience God, Find Community, and Fulfill Your Purpose. From generational ministries to small groups to volunteer opportunities, there are lots of ways we would love to come alongside you and your family to help you grow in your faith.

Trinity was looking for a transfer solution that would ensure fast, reliable and secure content deliveries while maintaining ease of use for the non-technical staff at the satellite campuses and accommodating lossless high-definition video files that ran up to 40 gigabytes in size.

## SOLUTION

After evaluating and testing several file transfer options, Trinity selected Aspera, deploying Aspera's *fastpex*™ server at the main site and Cargo Downloader clients at each satellite location. Transfers run over a dedicated 45 Mbps pipe, moving content from the main church campus and distributing it to all the satellite churches.

Using *fastpex*'s workgroup feature, Trinity sends content to all remote locations at once without having to create and track a separate delivery for each location. Aspera Cargo Downloader widgets at the satellite locations automatically download new deliveries to users' desktops, and *fastpex*'s built-in email notifications inform users that content has arrived, eliminating the need to log in to any systems and repeatedly check for transfer completion. With automatic retry and resume of failed transfers, Aspera delivers reliability. "We can go to bed at night knowing it will just work," said Michael Wells, Executive Director of Operations at Trinity Fellowship.

Additionally, Trinity Fellowship employs Aspera *fastpex* to engage outside audio and video editors who help create high-impact presentations. Instead of exchanging hard drives via express delivery, raw footage and OMF files are sent via Aspera *fastpex* to an off-site editor, who then sends the finished projects back to Trinity.

## RESULTS

With Aspera, Trinity can now capture high-quality content, edit the video footage, and distribute the final package to satellite campuses spread across a geographic area the size of New England within hours after the Saturday evening sermon concludes at the main campus, making it available for Sunday morning services at the satellite locations.

Aspera's patented FASP transport technology is able to fully utilize the 45 Mbps pipe. Using *fastpex*, an editor in Dallas can send 190 Gigabytes of video content in less than 10 hours, eliminating the costs, the risks and the delays of shipping hard drives.

Aspera's robust architecture and stability ensure that Trinity's messages are delivered reliably, securely and on time. "We're one body. We're one church. We have one message, and we want everyone to hear it at once," said Wells. "With Aspera, we can reach our audience without latency and know that our content is safe and won't be lost or tampered with in transit."

Assured that they can rely on Aspera for fast, reliable transfer of large video files, Trinity Fellowship is now incorporating more lossless high definition (HD) video into their multimedia programs, an advancement that was not possible in the past due to slow transfers. As Trinity continues to expand its multi-media offerings and its locations, their Aspera software will scale alongside their bandwidth growth, with licensing options up to 10 Gbps.

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## About Aspera

Aspera 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 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.

Learn more at [www.asperasoft.com](http://www.asperasoft.com)