

Raysync Participated in the BaM Live: How to Speed up the Global Transfer of Film Works?

Shenzhen, Guangdong Sep 30, 2021 (IssueWire.com) - According to the data collected by Box Office Mojo, the film industry is facing an enormous crisis in front of COVID-19, not just because of the nearly empty cinemas, but also the way the whole industry works. When the crisis hit, they have to learn to attend events virtually and cooperate remotely, resulting in many new problems in team collaboration and data exchange, etc.

On BaM live which was held by IABM on 22nd September 2021, Raysync was excited to have Ben Cheung, VP of Raysync, led a discussion on [how to speed up the global transfer](#) for film productions, uncovering the impact COVID-19 has on the film industry and the importance of fast and cost-effective file transfer and its future development.

In this live event, the following topics are discussed:

- Current situation of film production
- What can be done to solve those problems
- Case studies
- The future of file transfer
- Q&A: How do you see the future of file transfer services?

At the beginning of the event, Ben analyzed the current situation of film production with some infographics showing the drastic drop-down of film box office and its revenues.

Besides, massive changes were made in a film production environment in order to keep the staff safe. Millions went home to work and used digital technologies to continue to execute their daily tasks. That's why a fast and cost-effective data transfer solution has become more and more important in long-distance team collaboration.

What can be done to solve those problems? The data volumes that need to be shared and transferred in our daily work have soared, but the traditional TCP-based transfer solution can't help to achieve high-efficient delivery.

The best alternative UDP-based file transfer solution - Raysync

Among the alternative solutions to FTP, most of them are either expensive or complicated to use. Based upon Raysync UDP high-speed transfer protocol, Raysync breaks through the bottleneck of [large file transfer](#) which satisfies enterprises' file transfer needs by building an intelligent transfer platform that processes and moves massive data at an unprecedented speed.

Raysync's intelligent data compression technology can also effectively reduce the network loads, providing breakpoint resumes and data verification to ensure stable and reliable data transfer. The intelligent management system is able to meet the business requirements of enterprises such as data sync and backup. Best of all, Raysync provides an [SMB](#) version that starts from \$599/year!

Actually, it does help a myriad of enterprises in accelerating data transfer, Ben also shared two successful cases in film post-production and render farm, respectively.

Case 1 – Film Post-production

Challenges:

Most film and television productions are edited and created by people scattered among different firms and overseas institutions, in which a large amount of audio, video, images, and other content has to be uploaded and downloaded. This mass amount of data flow has led to low efficiency of file interactions, and the delay of the production cycle may seriously affect the production efficiency.

Solutions:

Raysync provides the specific audio-visual content transfer solution for the film post-production industry to accelerate the transfer of a massive amount of content through Raysync's ultra-[high-speed transfer protocol](#). Intelligently optimize the network bandwidth and effectively reduce the network latency and packet loss caused by transnational and ultra-long distance transfer.

Case 2 – Render Farm

Challenges:

In Render farm, the daily transfer volume is around 30TB every day, the maximum number of files for single transfer is around 2 million. In this sense, there needs a fast and secure transfer solution integrated to Render farm.

Solutions:

For Render farm, Cluster storage is an important solution to large-scale data storage systems. There are hundreds of transfer nodes established to take care of 200K users around the world, with the help of Raysync, the Internet bandwidth goes for 50Gbps, and the peak bandwidth utilization is up to 90%. Raysync also supports all needs for integration, like SDL, GUI, CMD, and etc.

In the end, Ben shared his insight on the future of file transfer, he thinks the future of file transfer would be related to the following factors, deduplication, compression, 400Gbps super-bandwidth, and machine learning.

About Raysync

[Raysync](#) is a software-based large file transfer solutions provider. Based on the self-developed high-speed transfer protocol, Raysync breaks through the transfer defects of traditional FTP and HTTP, the transfer rate is increased by 100 times compared with FTP, and the bandwidth utilization rate is over 96%, which can easily meet the extremely fast transfer requirements of TB-level large files and massive small files.

For more details and opinions, please contact our support team via support@raysync.io for any

additional questions. We would love to hear from you!

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