Raysync Helps Financial Big Data Platforms to Overcome Speed Difficulties

Shenzhen, Guangdong Sep 14, 2021 (Issuewire.com) - With the rapid development of banking and financial technology, the interaction between financial institutions and customers is being enriched and strengthened, and the business contact between banks and financial institutions is becoming more frequent. A great deal of data and information generated in these processes has brought unprecedented opportunities for the development of the financial industry.

How to cope with the challenge of big data transmission and how to guarantee that a platform can withstand huge amounts of data and let it play its value are the difficult problems that financial enterprises must solve. Breaking the technological bottleneck and realizing high-speed data transmission and effective management are the driving forces for the development of modern large file transfer platforms.

Raysync big data solution is a high-speed data transfer path constructed based on the entire data flow path of mass data collection, storage, query, and analysis of financial institutions. Driving the flow of massive data and helping financial institutions to dig out real value from massive data information.

Raysync is designed to help enterprises realize efficient data linkage. In the financial field, Raysync achieves the big data strategy of financial institutions with its excellent data transmission technology and partners, realizes stricter computer room management, higher security disaster tolerance, and access control capabilities, and provides solutions covering data interaction, risk control, data governance and data storage.

Raysync Financial Big Data Solution

- **High-performance transfer technology**

Aiming at the problem of low efficiency of mass data transmission in financial institutions, Raysync breaks through the bottleneck of data transmission at the bottom by providing Raysync ultra-high-speed transfer protocol, overcomes the limitations of traditional network and hardware, makes full use of network bandwidth, and provides ultra-low latency, high speed, and end-to-end output services, which can easily meet the high-efficiency, stable and safe transmission requirements of financial institutions' TB-level large files and systems.

- **Point-to-point transfer**

Raysync point-to-point transfer combines 10 kinds of NAT penetration technology combinations with Raysync ultra-high-speed transmission protocol, which enables all clients in the enterprise to establish high-speed transmission channels to realize real-time data transmission and rapid information extraction. The whole P2P transmission process does not need to be transferred through the server, does not need to consume expensive storage space of the server, does not need to be attended to automatically receive files, realizes rapid linkage of financial data, and provides convenience for data interaction among servers in the computer room.

- **Data sync and security backup**

File synchronization can be performed on the same computer, on different computers, or even in different places. Raysync uses convenient network operation to intelligently synchronize the local folder with the cloud folder, automatically upload and download, and safely back up. At the same time, a dual-active disaster recovery backup system of a local NAS or SAN storage server is built for a plurality of source systems inside a financial institution, so as to prevent the data of an application server from being illegally deleted and enable security protection for core data.

- **Central Control Platform**

Raysync provides a comprehensive and complete management model, supporting the unified maintenance and management of many modules such as node machines, storage, user groups, audit, external chains, etc., making the operation and maintenance work simpler and more efficient.

With the rapid development of the global IT industry, IT construction in the financial industry has gradually become the core driving force to lead the business development of financial enterprises. The high availability financial big data transmission solution based on Raysync large file transfer has injected new kinetic energy into its long-term development. We will extend this solution to more banks and financial institutions to promote the development and innovation of the financial industry.

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.

If you have any questions, please contact our support team via support@raysync.io for any additional questions. They would love to hear from you!

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Source : RAYWING PTE. LTD.