


# The Network Efficiency Breakthrough for a Global Financial Media Giant

Case Study by  T1  
NEXUS

“Partnering with T1Nexus has revolutionized our data center operations. Their innovative solutions and technical expertise have significantly improved our efficiency and flexibility, making them an invaluable extension of our team.”

-Employee at Global Financial Media Giant



## EXECUTIVE SUMMARY

In a highly competitive and extensive RFP process, T1Nexus was selected by a \$12 billion global financial media company to become their end-to-end optical transceiver provider. The company faced significant challenges in managing a complex infrastructure that included a diverse mix of OEMs and required the ability to reflash optical transceivers already in production. T1Nexus' technical capabilities, cost-effectiveness, and innovative solutions, such as the EasyCoder platform and the industry's first Firmware Revision Code tracker, proved to be the perfect fit.

Over the past five years, T1Nexus has supplied the company with a range of optical transceivers from 1G to 800G, DACs, and AOCs. This partnership has streamlined the company's data center operations, reduced inventory complexity, and enhanced operational flexibility. T1Nexus' ability to meet high cyclical demand and provide custom solutions has enabled the company to adopt an OPEX model for new rollouts, significantly improving cost efficiency.

As a result, T1Nexus is now the company's sole optical transceiver provider, delivering reliable, end-to-end solutions for all speeds and networking OEMs. This case study highlights the transformative impact of T1Nexus' innovative approach and technical expertise on the company's data center efficiency and overall operational success.



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## CHALLENGE

A \$12 billion global financial media company faced significant challenges in managing their complex and demanding infrastructure. They required an optical transceiver provider capable of supporting a diverse mix of OEMs, including Arista, Cisco, Juniper, Nvidia, and “open aggregation” systems. The company also needed a provider who could reflash optical transceivers already in production and address multiple revision code issues due to constant operating system updates. Previous vendors had failed to meet these stringent requirements, leading to operational inefficiencies and technical hurdles.

## SOLUTION

T1Nexus was selected through a highly competitive and extensive RFP process as the most cost-effective and technically capable provider. Over the past five years, T1Nexus has supplied the company with end-to-end optical transceivers ranging from 1G to 800G, DACs, and AOCs. T1Nexus’ proven ability to deliver custom, interoperable solutions across multiple OEMs made them an invaluable partner. Their optical transceiver encoding and troubleshooting platform, EasyCoder demonstrated superior capability in supporting the company’s dynamic and evolving architectures. Additionally, T1Nexus partnered with the company to develop the industry’s first Firmware Revision Code tracker for optical transceivers, enhancing transparency and interoperability.

## BENEFIT

By partnering with T1Nexus, the company streamlined its data center operations, reducing the variety of optics needed and simplifying inventory management. T1Nexus’ multi-coded optics ensured compatibility across multiple OEMs, significantly easing deployment processes. The company’s ability to meet high cyclical demand and provide custom solutions, such as breakout DACs and longer-length AOCs, supported the company’s “just in time” deployment strategy. This partnership enabled the company to adopt an OPEX model for new rollouts, enhancing operational flexibility and cost efficiency. As a result, T1Nexus became the company’s sole optical transceiver provider, delivering reliable, end-to-end solutions for all speeds and networking OEMs.







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