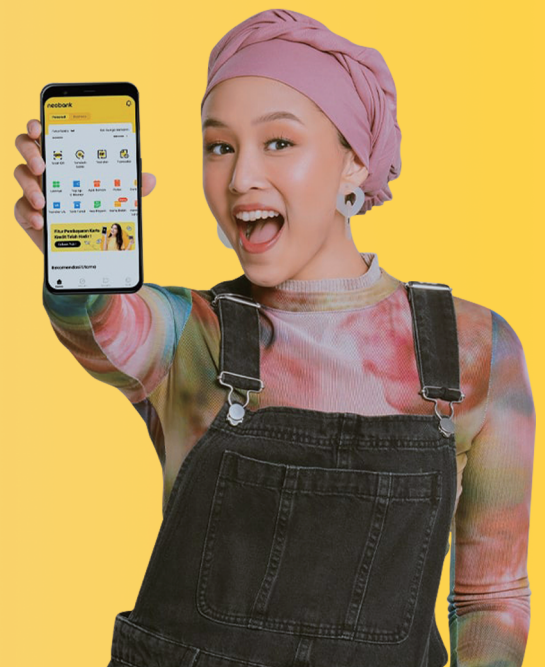


# Reimagining Digital Banking with xFusion

Bank Neo Commerce's Journey to Inclusivity and Innovation



Bank Neo Commerce (BNC) stands at the forefront of the digital banking revolution, offering a seamless banking experience right at your fingertips. Founded in 1990, BNC is dedicated to delivering banking that is not only user-friendly but also grounded in robust corporate governance and unwavering service integrity.

## A Journey Toward Digital Excellence

In 2020, Indonesia was marked by a significant digital divide, with over half of its population without bank accounts, leaving many on the margins of the fast-growing financial services sector. Recognizing the potential in these underserved regions, BNC harnessed digital technology to launch its online platform, narrowing the divide between urban and rural communities and promoting inclusive growth.

*"More than just a bank, we are redefining banking by creating financial services that cater to the needs of every individual. Supported by cutting-edge technology, we deliver inclusive and accessible digital banking solutions to bridge the urban-rural gap."*

**Justin Chen (CTO, Bank Neo Commerce)**

However, BNC's rapid growth to over 25 million customers in 2023 presented challenges to its traditional data center infrastructure. To preserve its competitive edge in the dynamic financial sector, BNC needed a data center that was not only dependable and scalable but also capable of supporting multi-domain operations, ensuring stringent security and privacy, and providing comprehensive visibility and management.

## Overcoming Growth Challenges with xFusion

Confronted with escalating business complexities and customer volumes, the necessity for powerful computing capabilities became critical for BNC. In response, BNC formed a partnership with xFusion to revolutionize its system workflows, bolster scalability, and shift focus to business development and expansion.

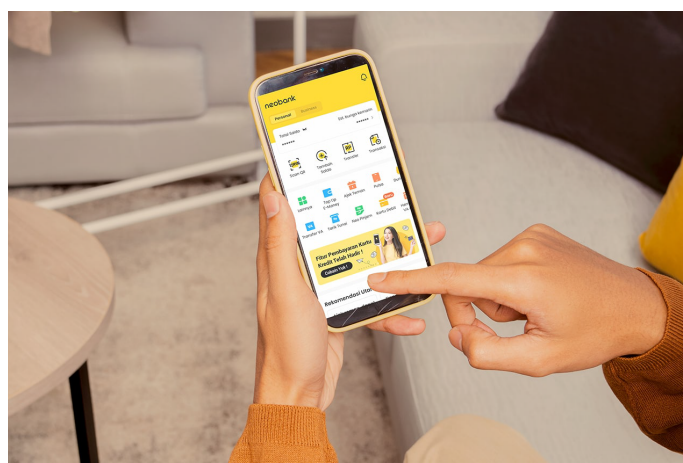


xFusion's comprehensive solutions, powered by the latest technology, equipped BNC with the necessary tools to effectively manage a growing number of transactions and customer interactions. This alliance enabled BNC to streamline operations, concentrate on application and business growth, and minimize the resources spent on maintenance and management.

## The xFusion Difference: A Paradigm of Power and Performance

The core of xFusion's solution – FusionServer 2288H proved to be a turning point for BNC. The superior computing infrastructure offered built-in security controls, ensuring the safety of customer assets. xFusion's scalable products supported BNC's exponential growth, and the capability for 24/7 remote management promised uninterrupted service. Local expertise and support from xFusion provided a safety net for operations, instilling confidence in BNC's technological partnership. The deployment of FusionServer 2288H led to a 50% improvement in power efficiency for BNC.

Another crucial element of BNC's success is its adaptable hardware strategy. Moving beyond traditional clusters, the bank adopted diversified computing from various architectures. This strategy enhanced their computational infrastructure's flexibility, accommodating diverse workloads and substantially improving performance and efficiency. In addition, xFusion's high-performance networking solutions were tailored to BNC's unique needs, ensuring rapid data transmission and effective communication.

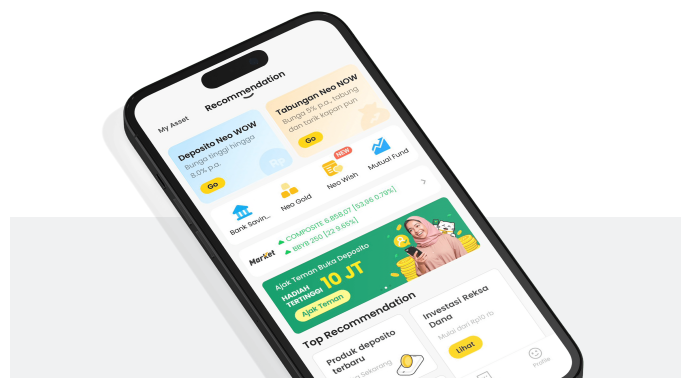


To reduce operational expenses, BNC strategically situated its data centers to benefit from decreased energy use and enhanced cost-efficiency. xFusion's contributions are significant, notably their proprietary Power Supply Units (PSUs) that reduce power loss to an impressive 12.5%—setting new industry standards—and cut power failure rates by 50% compared to industry averages.

xFusion's innovations didn't stop there; the self-developed DrMOS technology and heat dissipation system have led to an additional 8% energy savings for identical configurations and workloads. This achievement not only sets the benchmark for power efficiency but also results in considerable electricity cost savings, ensuring BNC's solutions are both cost-effective and environmentally friendly.

*"With xFusion, we've acquired an agile, secure, and scalable digital infrastructure that enables us to deliver innovative banking services across the nation. Together, we're eliminating barriers to broaden financial access for everyone."*

**Justin Chen (CTO, Bank Neo Commerce)**



## A Symbiotic Partnership for Digital Innovation

BNC's journey with xFusion illustrates the transformative impact of strategic technological partnerships. It's not simply about adopting new technologies; it's about leveraging these advancements to redefine an industry, empower communities, and lay the groundwork for future innovations. As BNC is redefining banking, xFusion is reshaping the computing power behind digital potential.

With xFusion underpinning BNC's infrastructure, the bank is poised to maintain a competitive edge in the digital economy, providing exceptional services to anyone, anytime, anywhere.

Together, xFusion and BNC have developed a profound understanding of business workflows, offering customer-centric solutions that bolster BNC's dedication to digitizing financial services, enhancing efficiency, and fostering innovation for the future of banking.



## Summary of Key Points

**Client:** Bank Neo Commerce (BNC)

**Industry:** Digital Finance

**Region:** Indonesia

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### Challenges:

BNC's exponential growth created urgent needs to enhance its data center infrastructure for scalability, security, and manageability to maintain leadership in the financial sector.

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### Outcomes:

- 50% improvement in power efficiency
  - Accelerate data transmission and task communication
  - Reduce power loss to an impressive 12.5%
  - Cut power failure rates by 50%
  - 8% energy savings
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### xFusion Solution:

- FusionServer 2288H
  - xFusion's High-Performance Networking Solutions
  - Self-developed DrMOS technology and heat dissipation system
  - Dynamic Power Adjustment - Processor DEMA
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