

**25X** increase  
in packet forwarding  
bandwidth.<sup>1</sup>

**2.5X** reduction  
in latency.<sup>2</sup>

“The spirit of collaboration between NAVER Cloud and Intel was critical to the project’s success.”

**Kyungsu Shin,**  
Principal Engineer,  
NAVER Cloud

## Accelerating the Network Performance of NAVER Cloud Financial Cloud Zone

To serve the South Korean financial securities and futures market, NAVER Cloud offers a Financial Cloud Zone in addition to its Public Cloud Service portfolio. However, NAVER Cloud needed to solve network performance issues to serve its customers more effectively. NAVER Cloud and Intel worked together to accelerate network performance, using a highly customizable Intel® FPGA-based SmartNIC, which enables high-throughput, low-latency, and high-bandwidth applications. The design of NAVER Cloud’s virtual private cloud network allows the use of SmartNICs to better serve latency-sensitive workloads, compared to NAVER Cloud’s legacy network switch, and allows them to offer a differentiating product that can attract new customers.

### Products and Solutions

[2nd Gen Intel® Xeon® Scalable Processors](#)  
[Intel® SSD D3-S4510 Series](#)  
[Intel® Arria® 10 FPGA](#)

**Industry**  
Cloud

**Organization Size**  
501–1,000

**Country**  
South Korea

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[Case Study](#)