

UP TO **6.37X** boost  
for inference performance  
with Intel® Distribution of  
OpenVINO™ toolkit.<sup>1</sup>

“We look forward to continued collaboration, working closely with Intel to optimize our AI models and exploring other data types and Intel® Deep Learning Boost.”

**Bado Lee, OCR Leader,  
NAVER Corporation**

## Low-latency Machine-learning Inference on Industry-standard Servers

As NAVER expands its services, including AI as a Service, it is turning to Intel to help fine-tune its machine-learning hardware and software stack. Performance is key to meeting service-level agreements (SLA), but cost efficiency, resource utilization and power consumption are important considerations. Using GPUs for inference provided great performance, but consumed too much power and left the company’s CPU-based servers standing idle. Tests showed the performance benefits that result from combining 2nd Gen Intel® Xeon® Scalable processors with a ML framework optimized for Intel® architecture. PyTorch with Intel® Extensions for PyTorch and the Intel® Distribution of OpenVINO™ toolkit demonstrated that NAVER could meet its SLAs while driving up data center efficiency.

### Products and Solutions

[2nd Gen Intel® Xeon® Scalable processors](#)  
[Intel® Distribution of OpenVINO™ toolkit](#)  
[Intel® Extension for PyTorch\\*](#)

**Industry**  
Internet

**Organization Size**  
1,001-5,000

**Country**  
South Korea

**Learn more**  
[Case Study](#)

<sup>1</sup> For more complete information about performance and benchmark results, visit <https://www.intel.com/content/www/us/en/customer-spotlight/stories/naver-ocr-customer-story.html>