

**8.24X** improvement  
in inference speed with a loss  
of less than 0.17% accuracy  
after OpenVINO optimization.<sup>1</sup>

**UP  
TO 2.21X** increase  
in inference speed for  
radiomic analysis with Intel  
Distribution of Python.<sup>2</sup>

“The introduction of advanced software, hardware products and technologies such as the 2nd Gen Intel Xeon Scalable processors, the OpenVINO toolkit, and Intel Distribution for Python has significantly enhanced the processing performance of platforms enabled in our medical imaging solutions.”

**Chai Xiangfei, CEO & Founder, Huiyi Huiying**

## Full-Cycle AI-Based Medical Imaging to Improve Detection and Screening for Diseases

Huiyi Huiying Medical Technology (HYHY) specializes in the application and development of computer vision and deep learning technologies. Using its proprietary Dr. Turing AI platform, Radcloud big data and AI analytics cloud platform and Novacloud smart imaging cloud product, HYHY supplies medical institutions with a full-cycle, high-performance, and AI-enabled medical imaging solution capable of diagnosing dozens of diseases. To help optimize the performance of the full-cycle AI medical imaging solution HYHY applied technologies such as 2nd Gen Intel® Xeon® Scalable processors with Intel® Deep Learning Boost and software optimization tools such as the Intel® Distribution of OpenVINO™ toolkit and Intel® Distribution for Python.

### Products and Solutions

[2nd Gen Intel® Xeon® Scalable processors](#)  
[Intel® Deep Learning Boost](#)  
[Intel® Distribution of OpenVINO™ toolkit](#)

### Industry

Information  
Technology &  
Services

### Organization Size

201–500

### Country

China

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