Customer Success Story

FUJIFILM
Value from Innovation

Improve CT Diagnostic Imaging Performance for Radiology with Intel® Technology

Fujifilm Medical Solutions offers comprehensive services ranging from healthcare IT consulting to system development, deployment and maintenance. On average, CT or MRI scans can generate up to a few hundred or thousands of images per exam. The higher the number of images, the heavier the burden on radiologists to read and diagnose them to support physicians and their patients in a timely manner. To improve response times, Fujifilm Medical Solutions adopted new technologies to improve performance and reduce latencies, such as parallel processing using multi-core processors and data read-ahead functions. Fujifilm looked to Intel® Optane™ technology to improve data access performance. Through validation testing, they evaluated the performance benefit provided by Intel Optane technology compared to conventional HDDs and SSDs.

"Using Intel Optane technology helped display each image accurately and improve response performance for radiologists' image analysis. Displaying images just five seconds faster per exam could increase the number of patients a doctor can see, which in turn would increase medical service fees for the hospital."

Hideki Matsuura, Fujifilm Medical Solutions

Products and Solutions
Intel® Xeon® Scalable processors
Intel® Optane™ SSD Series

Industry
Medical Device

Organization Size
10,001+

Country
Japan

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Case Study

1,2 For more complete information about performance and benchmark results, visit https://www.intel.com/content/www/us/en/customer-spotlight/stories/fujifilm-customer-story.html