CUSTOMER SUCCES STORY

GE Healthcare

GE Healthcare Accelerates Pneumothorax Detection with Intel® AI Technologies

GE Healthcare is developing artificial intelligence (AI) solutions across multiple radiology modalities to detect and help prioritize critical cases. Inferencing of image data is a computationally intensive process that runs complex calculations. Some equipment providers require an accelerator to be installed in the equipment to inference images, but this adds cost and complexity. GE Healthcare wanted to optimize inferencing performance for a deep learning solution to detect and prioritize patients with pneumothorax (collapsed lung). Intel® AI technologies on Intel® architecture with Intel® Distribution of OpenVINO™ Toolkit allowed GE Healthcare to optimize algorithms for Critical Care Suite* available on Optima* XR240amx systems to scan X-ray images and detect pneumothorax within seconds at the point of care.

Products and Solutions
Intel® Core™ processors
Intel® Distribution of OpenVINO™ Toolkit

Industry
Healthcare

Organization Size
10,001+

Country
United States

Learn more
Case Study

1 For more complete information about performance and benchmark results, visit https://www.intel.com/content/www/us/en/customer-spotlight/stories/ge-healthcare-medical-imaging.html