



# MEDIHUB CXR

Enhance Patient Care with Al-Based Lung Disease Detection

MEDIHUB CXR is an AI-based medical lung disease diagnosis solution designed to help healthcare facilities improve their quality of care. The solution has a dual-purpose to solve for common healthcare challenges. Firstly, it can be used as a triage tool to help radiologists prioritize patient care and promptly meet with in-need patients amid staffing shortages. Secondly, it can be used as an automated chest X-ray analysis tool that can detect lung abnormalities and provide diagnosis probability scores. Optimized with the Intel® Distribution of OpenVINO™ Toolkit, MEDIHUB CXR offers high-quality image processing, seamless integration with medical imaging machines, and easy scalability across an entire healthcare facility's operations.

Key Features



Big Data Training (Over 1 Million Datasets)



Lung Disease Detection Reports



Picture Archive & Communication System



20-Second Analysis Time<sup>1</sup>

#### Vertical:

 Health & Life Sciences

## Use Cases:

- ife Human Wellness

  Monitoring
  - Asset & Operations Optimization

## Country/Geo:

USA, South Korea, India, China, Japan, Indonesia, Laos, Thailand, Russia, Dubai, Brazil

### Learn more:

- JLK Website
- MEDIHUB CXR Product Page

MEDIHUB CXR can detect 16 different pulmonary abnormalities, their probability score, and their location on chest radiographs to improve radiologist reading efficiency and increase patient satisfaction.

## Intel Products and Technologies

- Intel® Distribution of OpenVINO™
  Toolkit Product Page
- Intel® Core™ Processors Product Page
- Intel® Optimization for TensorFlow Introduction Webpage
- Intel® Optimization for PyTorch Introduction Webpage



<sup>1</sup> JLK Group, MEDIHUB CXR AI-Based Lung Disease Analysis Solution in Chest X-Ray Solution Overview. Intel does not control or audit third-party data. You should consult other sources to evaluate accuracy.

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