

# Real-time Clinical Monitoring with Edge AI

## Edge AI Healthcare Monitoring Platform

Edge AI Healthcare Monitoring Platform delivers real-time anomaly detection by locally analyzing vital signs such as ECG, SpO<sub>2</sub>, PPG, and blood pressure. Powered by Intel® CPU-based edge devices and models optimized with the OpenVINO™ toolkit, it ensures low-latency inference, strong data privacy, and reliable offline operation.

The solution reduces cloud-processing costs and integrates seamlessly with clinical systems through HL7/FHIR APIs, supporting telemedicine, triage, and continuous remote monitoring. Validated in the Intel Industry Solution Builders Challenge (ISBC), HealthTrack offers scalability for hospitals, clinics, and home care with robust architecture and interoperability for medical systems.



*Local inference boosts privacy and cuts cloud costs*

### Key Intel-Enabled Features



Low-Latency AI



Edge-Ready Models



Fast CPU Inference



Strong Data Privacy

### Accelerate Business Transformation with Optimized, Ready-to-Deploy, Intel-Powered AI Partner Solution

- The OpenVINO™ toolkit accelerates AI on Intel® CPUs with low latency
- IR format ensures compatibility and efficiency at the edge
- Intel® CPUs enable continuous operation without GPU
- Local inference increases privacy and reduces cloud costs

### Intel Products and Technologies

- [Intel® OpenVINO™ Toolkit](#)
- [Intel® Core™ Processors](#)
- [Intel® Xeon® Processors](#)

### Ordering Guidance:

- [EdgeHealthcareAI - Learn More](#)

**Country/Geo:** Worldwide; United States and Canada; Latin America Region; Europe, Middle East, and Africa

**Edge Verticals:** Health & Life Sciences

**Edge Use Cases:** Image Analysis; Virtual Care

### Learn more:

- [ADM INFORMATICA Website](#)

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