Sickbay by Medical Informatics Corp. × intel

Unify Clinical Monitoring Data at the Edge

Sickbay Clinical Platform



Sickbay gives health systems vendor- ***neutral, AI-ready bedside data at the edge.***

Sickbay by Medical Informatics Corp. runs on power-efficient Intel® Xeon® 6 processors to give hospitals a vendor-neutral clinical data layer at the edge. The platform ingests time-synchronized waveform data from bedside monitors, ventilators, and other devices at native resolution, replacing low-frequency EHR snapshots with a continuous record of patient physiology. Care teams use it to power virtual nursing, command centers, remote multi-patient monitoring, and patient-safety programs from any web-enabled device.

Built-in AI acceleration from Intel® Advanced Matrix Extensions (Intel® AMX), plus AI libraries optimized for Intel® processors, speeds analytics and model development on the same platform, while hardware-enhanced security helps keep sensitive clinical data protected close to the point of care. The result: trusted, AI-ready data where it's created.

intel ai
Intel® AI Edge Applications

Key Intel-Enabled Features

Waveform Ingestion | Virtual Monitoring | Clinical Inference | Data Governance

- Continuous waveform ingestion at the edge enabled by the performance-per-watt of Intel® Xeon® 6 processors.
- Clinical AI inference accelerated by Intel® AMX and optimized with Intel® oneAPI libraries, enabling waveform analysis directly on the CPU.
- Virtual monitoring powered by Intel® hardware for near real-time patient visibility, scaling from unit-level edge to enterprise data centers.
- Data governance strengthened by Intel® Xeon® processor-based security features that help protect PHI at the point of care.

By leveraging Intel® technologies, Sickbay unifies high-fidelity patient monitoring data to overcome data silos, support scalable virtual care, and enable clinical AI initiatives.

Ordering Guidance:

- Contact Us

Country/Geo: United States; Canada

Edge Verticals: Healthcare & Life Sciences

Edge Use Cases: Patient Monitoring; Virtual Care;

Learn more:

- Sickbay Clinical Platform Website

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