AI for a Safer and More Efficient Nursing Care with Intel® at the Edge

ADM Nursing Intelligence



ADM INFORMÁTICA × DELL Technologies × intel

ADM Nursing Intelligence is an advanced edge AI solution designed to support nursing teams with real-time insights, intelligent alerts and proactive care. By analyzing patient data such as vital signs, activity and clinical indicators at the edge, the platform helps prioritize nursing workflows, enables faster response, improves patient safety and enhances operational efficiency across hospitals and care environments.

Unlike cloud-dependent systems, ADM Nursing Intelligence performs AI inference locally at the edge, ensuring low latency, high availability and uninterrupted operation even in bandwidth-limited or offline settings. This architecture enhances data privacy by keeping sensitive patient information on-premises, reduces network dependency and lowers operational costs.

Optimized with the OpenVINO™ toolkit, ADM Nursing Intelligence runs efficiently on Intel® CPUs using optimized models, eliminating the need for dedicated GPUs. Together, Intel hardware and software technologies enable a scalable, secure and energy-efficient edge AI deployment for nursing care.

Lower latency.

Less dependency on GPUs and the cloud.

Lower energy consumption.

Optimized for Intel® Edge hardware.

Intel Products & Technologies

Optimized for edge AI in healthcare

Intel® Core™ Ultra Series 3 Processors

Intel® Core™ Processors

Intel® Xeon® Scalable Processors

Intel Atom® Processor X series

OpenVINO™ Toolkit

ADM INFORMÁTICA | NURSING INTELLIGENCE

intel ai | PEOPLE. DATA. BETTER CARE.

DEPLOYMENT AND OPERATION

Enterprise-Ready Nursing Intelligence at the Edge

ADM Nursing Intelligence is designed for real-world hospital environments, delivering secure, scalable and high-performance AI inference with minimal infrastructure and without dependence on GPUs or the cloud.



A SIMPLE AND EFFICIENT ARCHITECTURE

Maximum performance with lower complexity and cost.

Easy Deployment
Designed for hospital environments

Scalable
From single units to large hospital networks

Highly Reliable
Continuous operation, even with limited connectivity

Energy Efficient
Optimized for Intel® edge hardware

SECURITY AND COMPLIANCE

Your data. Your environment. Your control.

Local Data Processing
Sensitive patient data remains on-premises

LGPD & Compliance Ready
Supports data privacy and regulatory requirements

Built for Healthcare
Security, reliability and auditability

OPTIMIZED FOR INTEL EDGE HARDWARE

High performance. Lower complexity. Greater efficiency.

CPU-Optimized Inference
No dedicated GPUs required

Lower Infrastructure Costs
Reduced hardware and operational expenses

Lower Energy Consumption
More sustainable and efficient AI

INTEL PRODUCTS & TECHNOLOGIES

Accelerating AI and analytics at the edge.

- Intel® Core™ Ultra Series 3 Processors
- Intel® Core™ Processors
- Intel® Xeon® Scalable Processors
- Intel Atom® Processor X series
- OpenVINO™ Toolkit

Together for a Healthier Tomorrow

PEOPLE.
DATA.
BETTER CARE.

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Key Intel-Enabled Features

Real-Time AI and analytics for nursing care

ADM INFORMÁTICA | intel ai

- Real-Time Nursing Alerts
- CPU-Optimized, GPU-Free AI
- Low Latency Edge AI Inference
- Scalable Nursing Care at the Edge

Built on Intel Processors and optimized with the OpenVINO™ toolkit, ADM Informática and Dell deliver:

01
Edge AI acceleration for ultra-low-latency nursing intelligence

02
Scalable, reliable compute for healthcare workloads

03
Enhanced data privacy with local AI processing

04
Optimized, secure platform for nursing AI applications

That's the power of Intel Inside®.

Country/Geo:
Worldwide

Verticals:
Health & Life Sciences

Use Cases:
Patient Monitoring
Nursing Workflow Optimization
Risk Detection
Care Continuity

About ADM Informática

Founded in 1987, ADM Informática is a Brazilian firm specializing in Business Management, Data Processing, IT, Accounting Services, and Tax Advisory. Serving private-sector industries, retail, and services, the company follows international standards and is distinguished by high customer satisfaction, quality, security, and reliable, effective solutions through decades of trusted expertise.

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About Dell Technologies

Dell Technologies is a global technology company driven by the purpose of advancing human progress through technology. It designs and delivers innovative solutions that help customers transform how they work, live, and connect—enabling digital transformation, improving access to technology, and supporting organizations worldwide across industries and communities.

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Intel Products & Technologies

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