AICloudSuite

AI-powered workflow orchestration and workload balancing platform for diagnostic imaging and quality assurance in radiology, cardiology, and pathology.

Overview

AICloudSuite™ by RealTime Medical is a unified, AI-enhanced orchestration platform designed to address rising diagnostic imaging volumes, radiologist availability challenges, and quality gaps at scale. The solution is built on a vendor-neutral, context-aware architecture that supports real-time automation across multiple medical disciplines, including Radiology, Cardiology, and Pathology.

The suite is composed of three core, integrated modules:

AICloudWorks™: Provides dynamic workload balancing and high-granularity, rules-based exam assignment. It is patented and context-aware, improving group efficiency by an estimated 20–47%.
AICloudQA™: An advanced platform for continuous quality assurance, peer support, mentoring, and skills development. It facilitates multidimensional peer learning and analyzes diagnostic patterns without interrupting the radiologist's workflow.
AIKnowledgeEnable™: A clinical decision support tool that compiles the most recent, relevant research and collective physician intelligence into an easily accessible interface, helping users apply the latest findings at the time of diagnosis and during peer learning workflows.
Key capabilities include automated critical results management, which provides a consistent method of notifying physicians of urgent findings via smartphone notification and includes acknowledgement monitoring and escalation with full audit capabilities. The platform also features a single integration layer for incorporating third-party AI applications into the clinical workflow, ensuring flexibility and future readiness. The system is capable of high-capacity throughput, handling up to 40 million exams per year in a single instance.

Key Features

- AI-Powered Workload Balancing (AICloudWorks™)

- Multidimensional Peer Learning (AICloudQA™)

- Clinical Decision Support (AIKnowledgeEnable™)

- Automated Critical Results Management & Escalation

- Workflow Orchestration & Rules-Based Exam Assignment

- Single Integration Layer for Third-Party AI

- High-Capacity Throughput (40M exams/year)

Pricing

Model: enterprise

Pricing is not publicly disclosed. AICloudSuite is an enterprise-grade solution; contact RealTime Medical for a customized quote based on organizational size, required modules (AICloudWorks, AICloudQA, AIKnowledgeEnable), and annual exam throughput capacity.

Target Company Size: medium, enterprise

Integrations

Google Cloud Platform, Client Outlook eUnity Viewer, Fujifilm Synapse Worklist Orchestrator, Third-Party AI Applications

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