



TAGNOS

Healthcare workflow orchestration platform using Real-time Location Systems (RTLS) and AI to optimize hospital operations, patient flow, and asset management.

<https://www.tagnos.com/>

Overview

TAGNOS is a comprehensive healthcare workflow orchestration platform designed to improve operational efficiency, patient throughput, and asset utilization in hospitals and healthcare facilities. It leverages a powerful combination of Real-time Location Systems (RTLS), Artificial Intelligence (AI), and a robust interoperability engine to provide real-time situational awareness and automate critical clinical and logistical workflows.

The platform is structured into key 'Orchestration' modules:

OR Orchestration: Optimizes Operating Room (OR) efficiency by accelerating room turnover, improving first-case on-time starts (FCOTS), and increasing overall room utilization. It provides real-time insights into the surgical schedule and milestones.

ED Orchestration: Enhances Emergency Department (ED) care by streamlining patient flow, reducing 'Left Without Being Seen' (LWBS) cases, and speeding up treatment times through better staff communication and real-time data insights.

Asset Orchestration: Simplifies hospital asset and supply chain management. This includes Asset Visibility (using BLE and passive RFID for real-time location), Asset Management (combining location with maintenance and rental workflows), and Surgical Tray Visibility (using RFID for end-to-end tracking of sterile trays).

Key Capabilities & Technology: TAGNOS integrates seamlessly with existing hospital systems, including Electronic Health Records (EHR/EMR), EDIS, ORIS, ADT, nurse call, and capacity management systems, utilizing an HL7 open architecture and flexible, bidirectional APIs. The core technology includes a Location Service (supporting various RTLS technologies like Wi-Fi, BLE, and RFID), an AI/Machine Learning Engine for developing workflows and actionable insights, and a Communication Service that pushes customizable alerts and updates to staff mobile devices and

patient/family dashboards. The solution is designed to be HIPAA compliant, ensuring patient data privacy while improving satisfaction through automated family updates on patient status.

Key Features

- OR Workflow Orchestration
- ED Workflow Orchestration
- Asset Real-Time Location System (RTLS)
- AI/Machine Learning Workflow Automation
- HL7 & Bi-directional API Interoperability
- Real-time Situational Awareness Dashboards
- Customizable Alerts and Notifications
- Patient/Family Status Updates

Pricing

Model: enterprise

Pricing is not publicly disclosed. Contact the company to 'Schedule a Demo' and receive a custom quote based on the required modules (OR, ED, Asset Orchestration), hospital size, and deployment complexity.

Target Company Size: medium, enterprise

Integrations

EHR/EMR Systems, EDIS, ORIS, ADT Systems, Nurse Call Systems, Capacity Management Solutions, CMMS, IWMS, ERP

Compliance & Certifications

HIPAA

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