



Intelligence in real-time for patient discharge coordination

Addressing critical hospital challenges

Discharge coordination remains one of the most complex and costly bottlenecks in hospital operations. Missed handoffs, fragmented data, and manual communication lead to delayed discharges, congested emergency departments and lower patient satisfaction.

Industry studies show that improving discharge coordination and readiness can significantly reduce patient length of stay and improve overall hospital throughput.

The root cause...

Hospitals face significant operational risk and cost due to:

- **Fragmented workflows** – Coordinating among physicians, case managers, nurses and ancillary teams is largely manual, creating communication gaps that delay readiness
- **Data complexity** – Unstructured and inconsistent EHR data lacks semantic context, making it difficult to automate decisions or predict discharge readiness in real time
- **Reactive management** – Most hospitals operate reactively, discovering discharge blockers only at the end of a patient's stay rather than days in advance
- **Workflow variability** – Each hospital's discharge process differs by specialty and EHR configuration, requiring adaptive, low-code automation that aligns to local workflows



A smarter, real-time solution

The joint TransformativeMed–VantIQ Agentic Enhanced Discharge Solution integrates TransformativeMed's CORES Platform, which embeds intelligent workflows directly into the EHR, with VantIQ's event-driven, real-time architecture that orchestrates data, systems and people across hospital departments.

Together, the platforms enable hospitals to automate the discharge coordination process—ensuring readiness across all teams, reducing bottlenecks, and improving patient flow.

Key features include



AI-powered agentic coordinator

Continuously monitors discharge readiness, orchestrates task completion and alerts teams to blockers in real-time



Real-time workflow orchestration

Event-driven system connects care teams, systems and data sources to automate updates, notifications and approvals in real-time



Cost-optimized compute strategy

Processes only relevant data chunks rather than entire records, dramatically reducing LLM compute cost while maintaining precision and speed



Low-code/no-code adaptability

Designed for rapid deployment and customization, enabling hospitals to configure discharge workflows without costly re-engineering

Why TransformativeMed chose Vantiq

Reliability → Patented technology ensures systems perform when it matters most

Scalability → Grows with your needs—without hidden costs

Agility → Rapid development and innovation, driving lower costs and faster results

Trustworthy → Patented technology to dramatically reduce hallucinations

Security → Your data, your environment—always under your control

Adaptability → AI empowered workflows that evolve with your systems, people and processes

Transforming discharge coordination with intelligence in real-time

- **Accelerate throughput** – Ensure discharges happen on time, improving bed turnover and reducing ED boarding
- **Reduce manual workload** – Automate routine coordination and communication tasks to free staff for clinical priorities
- **Enhance patient safety** – Real-time monitoring detects readiness issues early, preventing errors and delays
- **Optimize financial performance** – Improve bed utilization, reimbursements and overall operational ROI
- **Scale with ease** – Extend the same event-driven intelligence to other workflows, including case management and surgical readiness

Summary

By combining TransformativeMed's EHR-embedded workflow intelligence with Vantiq's real-time, event-driven Agentic AI platform, hospitals gain a unified, adaptive and cost-efficient approach to patient discharge coordination.

This joint solution bridges data and workflow gaps, automates complex coordination tasks and provides actionable insights in real time—helping hospitals get patients home faster, safer and smarter.

Together, Vantiq and TransformativeMed are empowering healthcare systems with agentic intelligence that think, react and act in real time, delivering measurable operational and clinical impact.

About TransformativeMed

TransformativeMed provides EHR-embedded workflow solutions that streamline clinical operations and optimize system throughput. Its CORES Platform leverages real-time clinical data to drive workflow automation, improve discharge readiness and accelerate patient transitions within leading EHR environments. *For more information, visit transformativemed.com*



Vantiq is the patented software platform for building and operating real-time, mission-critical systems that orchestrate and automate AI and GenAI at scale. Designed for environments where milliseconds matter, Vantiq enables organizations to sense, decide and take action instantly—across cloud, edge or even disconnected environments. From emergency response and defense to smart infrastructure and healthcare, Vantiq orchestrates real-time intelligence that transforms live data into decisive action when outcomes matter most.