

Decision IQ leverages the power of AI to bring capacity coordination to every unit of acute care operations. With Decision IQ, hospital leaders see where bottlenecks are forecasted to occur, safely test capacity-prioritization strategies, and push discharge priorities directly to every unit on the frontline.



Operations Leaders

Create cohesion, align resources with demand, and mitigate bottlenecks before they occur.



Care Teams

Gain more time with patients, less time on phone calls and coordinating discharges.



Ancillary Services

Diagnostic, therapeutic & pharmacy teams receive ranked tasks in lockstep with discharge priorities.

Key Benefits

Coordinate Capacity at Scale

Decision IQ applies advanced AI to sequence and prioritize discharges, easing both current and projected capacity pressures. With discharges synchronized with patient flow, hospital throughput improves.

Forecast and Simulate Throughput Strategies

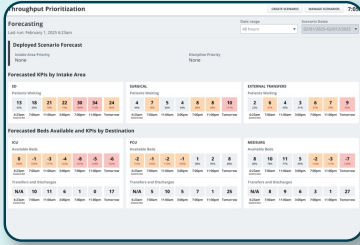
Powered by a sophisticated computational twin, operations leaders can sandbox operational strategies in a safe, simulated environment, resulting in a proactive approach to patient flow.

Reduce Manual Tasks at the Frontline

With daily discharge priorities embedded into frontline workflows, Decision IQ markedly reduces the effort to discharge, empowering care teams to focus on patients – not phone calls.

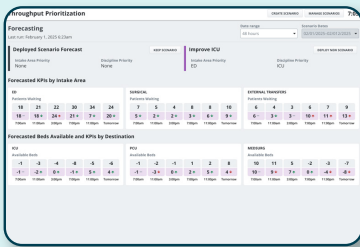
Solution Features

- Cloud-hosted Enterprise Platform
- Resource & Demand Dashboards
- Built on Real-time Data
- 48-hr Capacity Forecasting
- AI-Powered Simulation Sandbox
- Human-in-the-Loop Architecture
- Unit-level Ranked Patient Scores
- Ancillary-level Task Priorities
- Existing Workflow Integrations
- Robust Reporting & Monitoring



Forecast

Decision IQ integrates patient flow data from across the hospital and forecasts bottlenecks before they occur.



Simulate

Adjust the forecast using your preferred priorities and parameters. Evaluate the capacity impact of patient flow strategies in a safe environment.

Patient Name	ID#	MRN	Home Location	Opportunity	Attending Physician
Search	Search	Search	Search	Search	Search
Adrian, James	019020003	000000	ICU-1,120001	100	Antonio, Daniel
Anderson, Dexter	019020003	000000	ICU-1,120001	100	Antonio, Daniel
Berry, Andrea	-	000000	ICU-1,120001	100	Antonio, Daniel
Beck, William	019020003	000000	ICU-1,120001	100	Antonio, Daniel
Bergman, David	019020003	000000	ICU-1,120001	100	Antonio, Daniel
Belland, Michael	019020003	000000	ICU-1,120001	100	Antonio, Daniel
Carroll, Andrea	-	000000	ICU-1,120001	100	Antonio, Daniel
Christensen, Michael	019020003	000000	ICU-1,120001	100	Antonio, Daniel
Christen, Gregory	019020003	000000	ICU-1,120001	100	Antonio, Daniel
Daniel, Hilary	-	000000	ICU-1,120001	100	Antonio, Daniel
Decker, William	019020003	000000	ICU-1,120001	100	Antonio, Daniel
Field, William	019020003	000000	ICU-1,120001	100	Antonio, Daniel
Fink, Robert	019020003	000000	ICU-1,120001	100	Antonio, Daniel
Harwood, David	019020003	000000	ICU-1,120001	100	Antonio, Daniel

Deploy

Activate the strategy. Decision IQ creates prioritized actions that align care teams around an optimal throughput strategy,

Decision IQ's Computational Twin

Decision IQ leverages the hospital's own process data to construct a facility-level **computational twin**, a true model of the complex system that is the hospital.

Patient Flow decision-makers view an incremental 48-hour **forecast** of demand and bed availability forecasts across the entire acute care campus.

In that digital environment, operators can safely prompt **simulations** of alternate possibilities that prioritize preserving capacity in specific areas and disciplines, and view their predicted impact on the whole hospital before deployment.

Decision IQ calculates a **discharge strategy** that will optimally support the predicted capacity forecast. Now, every single discharge is coordinated to prioritize patients that have the greatest impact on patient flow.

