

A large control room with multiple computer monitors displaying various data dashboards. Two people are seated at desks in front of the monitors, looking at the data. The room is dimly lit, with the primary light source being the screens. The Philips logo is in the top left corner.

PHILIPS

Healthcare informatics

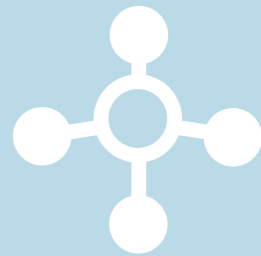
**Actionable intelligence
to help you orchestrate
care at every level.**

Philips Patient Flow Capacity Suite

Combining clinical and operational data to drive actionable intelligence

When patient transition decisions are made at both the enterprise and the unit level, priorities and bottlenecks may be difficult to identify—potentially leading to inconsistent care delivery. A holistic approach to care orchestration is needed, one that combines clinical and operational data and transforms it into actionable intelligence.

Philips Patient Flow Capacity Suite is a cloud-based patient logistics application that can help care teams realize an integrated delivery of care. Our approach to care orchestration connects the front lines with hospital enterprise operations, so you can systematically predict demand, make informed decisions, and visualize patient flow bottlenecks.



Connected care. Empowered collaboration.

Patient Flow Capacity Suite is built on the Philips Health Informatics Suite platform, a scalable, modular approach that connects care across various settings. Through the Health Informatics Suite platform, you have access to a tailored set of integrated healthcare informatics applications that can be combined to address your emerging needs easily and help you deliver on the quadruple aim.

Driving operational enhancements across the enterprise

Operational

Support the efficient movement of patients through the acute continuum by presenting clinically guided operational action



Clinical

Identify adverse trends before they become adverse events and drive proactive intervention

Enterprise-wide impact can include:

- Optimized patient flow
- Patient transfer management
- Patient length of stay and best practice adherence
- System-level care standardization



Improve capacity prediction

Enterprise Demand Capacity (Predicted Census)
Predicts admission and discharge at various time intervals to support forecasting at enterprise, hospital and unit levels. Powered by machine learning, the algorithm uses retrospective hospital data, along with hourly patient data and weekly trends, to continuously adapt and help staff proactively prevent bottlenecks.



Help prevent unnecessary admissions

Readmission Prediction Score (RPS)
Supports clinical decision-making at admission and discharge by identifying early indications of patient readmission risk and highlighting patients who may be more likely to be readmitted within 30 days. The machine learning-based algorithm is trained on five-year data from nine US-based hospitals.



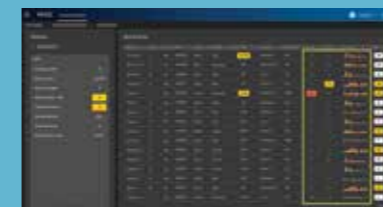
Recurring Patient Flag (RPF)

Helps identify recurring patients so they are triaged appropriately to optimally manage post-acute care and prevent bouncebacks. The algorithm uses multiple years of data from various US-based hospitals to define thresholds for number of emergency department visits, number of non-elective admissions, and days between current and previous admissions.



Avoid unneeded hospital stays

Transition Review Score (TRS)
Supports early identification of patient needs in emergency department and general care. The machine learning-based algorithm is trained on five-year data from 17 US-based hospitals to provide high performance for predicting care escalation needs, six hours in advance.



Promote appropriate use of critical resources

ST/AR algorithm
Provides visualization of alarms and alarm trends to help prioritize telemetry patient reviews. Compared to the reference data base, the algorithm provides effective monitoring of arrhythmia events. Alarms are collected by PIC iX and sent to Patient Flow Capacity Suite, which displays yellow/red alarms and trends.



Support proactive identification of patient needs

Actionable check list and care status
Care status provides an in-depth view at the patient level, with color-coded thresholds. The actionable checklist identifies items for completion at admission and discharge, with highlighting for delayed actions.

With Patient Flow Capacity Suite, you have access to tools and support that can help you realize your goals related to supporting the Quadruple Aim.



Improved patient experience: By right-sizing length-of-stays and minimizing service lengths, Philips believes Patient Flow Capacity Suite will make a significant contribution to a more positive experience for patients.



Improved staff satisfaction: Patient Flow Capacity Suite can help you improve patient handoffs and staff collaboration—which in turn can support enhanced staff satisfaction.



Better health outcomes: Patient Flow Capacity Suite is intended to expand access to care for patients within your service area by supporting your efforts to eliminate wasted inpatient capacity and helping providers to focus their care on patients who most require their expertise.



Lower cost of care: Patient Flow Capacity Suite is designed to help you spread the fixed and semi-fixed costs of the system over a greater volume of care experiences, which may help you lower the cost of each episode and support improvements in hospital operating margins.

Learn how Patient Flow Capacity Suite provides actionable intelligence to help you orchestrate care at every level.

Visit philips.com/patient-flow-capacity-suite.

