

CHRONIC CARE MANAGEMENT ACCELERATOR

Transform chronic disease care with
predictive intelligence.

The Altysys CCM Accelerator enables providers and payers to forecast patient outcomes, optimize clinic operations, and predict revenue performance—helping organizations deliver better care at lower cost.

With AI-powered forecasting across clinical, operational, and financial domains, the accelerator turns chronic care from reactive management into a proactive, sustainable program.



Instantly gain foresight into chronic care delivery:

- Forecast clinical outcomes such as HbA1c trends
- Predict patient visit volumes to align staffing and resources
- Project revenue and profitability at patient and cohort levels
- Generate multi-month predictive insights for entire populations

Key Capabilities

Predictive Clinical Analytics

- Forecast HbA1c and other chronic disease indicators with time-series models
- Identify high-risk patients early for proactive interventions
- Personalize care plans to improve adherence and outcomes

Patient Engagement Forecasting

- Anticipate visit frequency using advanced probabilistic models
- Optimize scheduling to reduce no-shows and backlogs
- Align staffing levels to real demand patterns

Financial & Revenue Planning

- Predict monthly patient-level revenue and profit with $\pm 10\%$ accuracy
- Forecast payer mix and claim cycles to improve financial planning
- Support value-based care contracts with reliable projections

Multi-Output Forecasting

- Generate forward-looking predictions up to 6 months across populations
- Integrate clinical, engagement, and billing data streams
- Provide unified dashboards for clinicians, administrators, and executives

Enterprise-Grade Security & Compliance

- Deploy on-premise, hybrid, or cloud environments
- Fully compliant with HIPAA and global healthcare standards
- Role-based access controls, encryption, and audit trails

Case Study: US Healthcare Provider

A U.S. health system managing 10,000+ diabetic patients achieved:

95%



model accuracy for
clinical and financial
forecasts

23%



increase in revenue per
patient

38%



profit growth within
months

09%



augmented care
manager time per
month

Engagement Model

- **Use Case Discovery** – Identify high-impact cohorts and goals
- **Proof of Concept** – Validate forecasting models with pilot data
- **Scaling** – Expand across enterprise systems and populations
- **Support** – Continuous monitoring, updates, and refinements
- **Handoff** – Knowledge transfer, documentation, and training

BUSINESS IMPACT

Clinical Outcomes

- Improved glycemic control (HbA1c <7%) across diabetic populations
- Higher adherence and proactive chronic care management

Operational Efficiency

- 95% forecast accuracy for patient visit volumes
- Optimized resource utilization and staff productivity
- Reduced appointment backlog and bottlenecks

Financial Performance

- 23% uplift in revenue per patient
- 38% growth in monthly profit
- More accurate provider revenue and profit forecasting

ABOUT ALTYSYS

Altysys is a trusted partner for data, cloud, and AI-led transformation in healthcare and life sciences. Our accelerators combine deep industry expertise with scalable AI architectures to help organizations achieve better patient outcomes, optimized operations, and financial sustainability.

CASE STUDY