



Strata's Predictive Analytics for Health Systems

See financial risk and opportunity early, while you can still act



Powered by  stratasignal

Health systems operate in constant volatility: shifting volumes, reimbursement uncertainty, labor pressure, and tight margins. Yet most forecasting tools still rely on manual processes and static assumptions, requiring significant effort to incorporate the latest data, often leaving finance teams with an outdated view by the time forecasts are updated, too late to change the outcome.

Finance leaders face persistent challenges: late visibility into performance changes across facilities, settings of care, and service lines; manual, assumption-driven forecasts that are time-intensive to update and quickly become outdated, especially for lean teams with limited resources; and underutilized historical data that could reveal meaningful patterns and signals. The result: low confidence in both month-end and annual projections and limited ability to act before performance deteriorates.

Finance teams then spend more time explaining performance than shaping outcomes, often missing critical windows to act.

Built for how health systems operate

Predictive Analytics uses advanced AI-driven models and healthcare-specific data sets to provide health system finance leaders with early, data-driven insight into where performance is headed, both mid-month and across the fiscal year.

Predictive Analytics replaces static, assumption-driven forecasting with continuously updated, volume-based predictions by service line and care setting. By leveraging years of historical data and a multi-model, best-fit approach tailored to distinct volume patterns, Predictive

Analytics delivers early signals about where results will land and quantifies the expected impact across key financial drivers. Health system leaders can anticipate risk, align stakeholders, and take targeted action earlier in the period, before results are locked.

A smarter way to forecast performance

Strata's Predictive Analytics solution is powered by StrataSignal™, Strata's AI-driven intelligence engine, that helps finance and operations teams work smarter, faster, and with greater confidence. By continuously analyzing historical and real-time financial and operational data, it generates continuously updated predictions that surface emerging risks and opportunities earlier than traditional approaches. Using a multi-model, best-fit approach that combines advanced statistical models and machine learning, Predictive Analytics produces volume-based predictions and translates them into expected financial outcomes, helping organizations anticipate performance, understand the drivers of change, and evaluate the impact of decisions before they are made.

As new data becomes available, predictions are continuously updated, giving leaders early visibility into potential risks and greater confidence in the actions they take. The result is a more proactive, data-driven approach to financial forecasting.

Monthly Predictions: Identify issues mid-month, not after close

Monthly Predictions are based on data from your instance of StrataJazz® Decision Support and StrataJazz® Operating Budget. Predictions are accessed through the

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StrataJazz® Month-end Forecasting solution. Monthly Predictions surface emerging performance changes early in the month, enabling finance and operations teams to:

- Spot volume, revenue, labor, and expense risks weeks sooner
- Understand the drivers behind changing performance
- Adjust staffing, spend, and operational decisions earlier in the month
- Improve confidence in month-end outcomes across facilities, settings of care, and service lines

The result is fewer surprises, faster intervention, and stronger operational control across the income statement, with clear visibility into the underlying drivers of performance.

Annual Predictions: Gain early confidence in year-end performance

Annual Predictions leverage the rich data sets present in StrataJazz® Decision Support combined with your facility, service lines, and other organizational definitions. Predictions are embedded directly into the workflow of StrataJazz® OnePlan to establish a more accurate baseline for the annual planning cycle, as well as rolling forecasts. These predictive insights enable health systems to:

- See year-end outcomes earlier
- Reduce reliance on repeated manual reforecasting
- Adjust strategy as volumes, reimbursement, and costs change
- Align leadership around a shared, data-driven outlook

The result is more agile planning and greater confidence in long-range decisions, improving alignment on financial outlook and strengthening leadership trust.

Lead with credible foresight, not hindsight

Predictive Analytics helps health system finance teams move from reactive reporting and analysis to proactive leadership.

- See risk earlier with continuously updated, AI-driven predictions
- Understand emerging performance and margin pressure before it escalates
- Act quickly with targeted operational and service line-level course corrections to improve outcomes

For more information about Predictive Analytics, visit our [website](#) or request a [demo](#).

Key software capabilities

- **Service line-level intelligence:** Leverages historical patterns and patient-level demand signals to generate more accurate, volume-based predictions across facilities, settings of care, and service lines
- **Continuously updated predictions:** Automatically adjusts predictions as actuals are recorded to reflect real-world dynamics rather than static assumptions
- **Early risk and opportunity detection:** Quantifies magnitude and drivers to identify performance changes earlier in the month and across the fiscal year
- **Trust by design (human-in-the-loop):** Enables review, adjustment, and learning so that finance teams can apply local knowledge, track overrides, and build confidence over time