Midas DataVision

Continuous reporting on vital signs that predict the health of your organization.

More than ever, managing healthcare means managing data—to measure and improve patient outcomes and navigate regulatory and industry demands. Healthcare leaders need a cost-effective way to not only access reliable comparative and ranked data, but also to distill it into engaging visual dashboards.

Midas DataVision is a SaaS-based offering which provides access to 30,000-plus indicators to track and analyze clinical utilization and provider practice patterns, evaluate high-risk populations and meet regulatory reporting requirements with governing bodies—as well as disease-specific registries and surveys.

Midas DataVision enables staff to evaluate performance and benchmark against peer organizations using one of the nation's largest concurrent comparative databases. Our robust analytics platform offers a cost-effective way to not only access reliable comparative and ranked data, but also to distill it into engaging visual dashboards for improved patient outcomes and effective navigation of regulatory and industry demands.

A Full Suite of Analytics to Drive Up Healthcare Operational Performance

DataVision offers a complete set of analytical components, which includes:

Midas Comparative Performance Measurement System— a full suite of functions for the data collection and submission required for Acute Care Inpatient, Hospital Outpatient and Behavioral Health Regulatory Topics as defined by The Joint Commission and CMS. Data submission services are available to support reporting to many state-specific initiatives.

DataVision Report Tool Pack—Export encounter-level detail for selected populations to a formatted Microsoft Excel workbook that includes resource utilization profiles with more than 260 data fields.

Midas Risk Model Risk-adjusted Reports—Access risk-adjusted patient-centric LOS, mortality, readmissions and complications for Midas Clinical Clusters, including calculations of potential lives, days, readmissions and complications saved.

Midas CPMS

A powerful component within DataVision is Midas Comprehensive Data Management Services. CPMS is a solution to stay in compliance The Joint Commission/ CMS Regulations in the following ways:

- Worklists which identify patients for study and assign them for review

- Data fields can be added to customize data collection

- Item-level help ensures consistent data collection across all sites

- Profiles identify opportunities for improvement and provide easy access to encounter-level detail

- Comparison reports include eligibility analysis, control charts, and trend analysis.

- Can integrate National Hospital Quality Measures with Physician Profiles and other custom profiles in Midas Care Management and Midas DataVision.

DataVision Risk Management Tool Pack—Analyze the volume and location of risk events by event type class, risk event class or clinical population for patients and nonpatients.

Care Management Efficiency Analysis—Review the unique radar graph to compare performance against peer hospitals for readmission rates, admission rates, one-to-two-day LOS, charges and discharge to alternative levels of care.

Value Based Purchasing (VBP)—Track and trend performance for clinical process of care, outcome and Hospital Consumer Assessment of Healthcare Providers and Systems (HCAHPS) patient satisfaction measures.

CMS Hospital—acquired Financial Predictor Reports – Identify cases with hospital-acquired conditions designated by CMS as potentially affecting MS DRG assignments; calculate potential financial impact.

Acute Care Comparative Scorecard—Uses selected criteria to award points to hospitals based on their performance and ranking among their peers.

How DataVision works

DataVision is the solution for accessing the information you need to focus on the best opportunities for improving clinical outcomes and achieving hospital pay-for-performance targets.

The comparative database mapping allows clients to benchmark against similar organizations for stronger comparisons, data accuracy and common goals. Accelerate your decision-making by drawing from comparative severity-adjusted outcomes data from one of the nation's largest concurrent databases and effectively share across your organization using standardized reports, indicators and tool packs.

DataVision keeps up-to-date with industry trends for tracking disease-specific indicators. It has a daily refresh of indicator data which helps monitor improvements in the encounter status and revised coding providing near-real-time summaries and calculations. For example, our clients were able to monitor COVID-19 metrics and act upon them within hours instead of months.

The measures in DataVision include clinical outcomes, processes of care, care management efficiency, resource utilization, coding compliance, and patient safety. The unique SmartReport tool identifies opportunities for improvement, special cause signals, areas of exemplary performance, rare events, complications of care, and potential upcoding or downcoding. This intuitive desktop application enables clinical users to stratify their site's performance compared with peer hospitals, and adjust for patient-centered risk (unique individual probabilities) by using the Midas Risk Model.

Benefits

Provider organizations rely on DataVision to:

- Reduce costs by reducing length of stay, unnecessary admissions/treatments and readmissions.

- Identify areas for improvement while freeing up analysts to focus on interpreting data.

- Increase visibility tor eimbursements/potential penalties, write-offs, risk of litigation and claims losses by improving clinical processes adjusted for volume and severity.

- Identify areas for improving hospital performance, patient safety and quality performance.

Why DataVision?

DataVision is the only true healthcare-specific analytics suite designed to help you drive clinical and financial operational performance in a single program. These key capabilities make DataVision unique:

Data Analysis. The measures in DataVision include clinical outcomes, processes of care, care management efficiency, resource utilization, coding compliance and patient safety. The reporting application includes the ability to identify opportunities for improvement, special cause signals, areas of exemplary performance, rare events and complications of care. This enables you to stratify your site's performance compared to peer hospitals and adjust for patient-centered risk (unique individual probabilities) using the proprietary Midas Risk Adjustment Model.

Midas Comparative Database. The web application uses data from the Midas Comparative Database (CDB) to compare a facility's performance with other participating organizations nationwide. Comparative statistics are available for selected time periods (month, quarter, and calendar year) and for facility characteristics (such as bed size, case mix, nursery level, region, and teaching status).

Deep Indicator Library. Through DataVision Navigator, you can easily navigate and use data analysis functions for more than 50 clinical case types intuitively organized by clinical product line and disease. With this functionality, you can access more than 30,000 prebuilt metrics aligned with national quality reporting programs and provider-specific outcomes with drill downs to patient-level data. Having the ability to immediately access patient- and provider-level detail can help you improve clinical benchmarking and achieve hospital pay-for-performance targets.

Advanced Analytics. With access to over 73 million patient encounters and 100 million claim records, DataVision harnesses the power of advanced machine learning algorithms including Midas Risk Adjustment models, the Readmission Penalty Predictive Analytics (Hospital Readmission Reduction Program – HRRP), Value Based Purchasing and clinical treatment targeted profiles for quality and data improvement.

Midas DataVision Gateway offers providers an easy-to-use tool for combining DataVision metrics with other data sources, including an organization's custom indicators. Additionally, the Midas Hospital Risk Adjustment Methodology, which is based on a patient-centric risk model, can be integrated into the enterprise dashboard. With DataVision Gateway you can produce an accurate, near-real-time image of your organization's performance to earn national recognition and drive transformative change.