



SAS® for Healthcare

Software and expertise for meeting your organization's goals



Overview

Healthcare leaders face many complicated questions each day. How can you maximize your organization's profits without sacrificing superior patient care? How can you increase patient and employee satisfaction? How can you recruit and retain talented healthcare professionals? How can you meet regulatory demands effectively? How can you make sure the goals of the organization are realized by everyone in the organization?

The answers to all of these questions are right in front of you. Unfortunately, they are trapped within a mountain of patient and organizational data that's buried deep within a multitude of clinical and administrative systems — that are neither integrated nor fully utilized. SAS® solutions for healthcare can help.

Challenges

- **Siloed departments.** Different departments within healthcare organizations use different clinical and administrative systems that don't talk to each other.
- **Data overload.** Healthcare organizations have huge volumes of patient and organizational data, but no way to make sense of it all.
- **Manual processes.** The manual processes often involved with accessing disparate data sources are time-consuming and error-prone, taking up valuable time that could be better spent doing actual analysis.
- **Compliance mandates.** The adoption of the electronic medical record (EMR) has been a slow transition, with data volumes growing exponentially at a time when compliance, regulations and increasing types of media-rich files are putting added pressure on organizations.



Technology that creates and delivers healthcare intelligence

Why SAS® for Healthcare?

SAS solutions for the healthcare industry were developed with the help of skilled healthcare experts, who have years of experience in overcoming healthcare challenges.

Together with our award-winning technology, they empower you to integrate volumes of data – no matter where it resides – and identify and act upon the right performance measures.

By allowing you to analyze and report this information in a variety of dimensions, SAS gives you the strategic intelligence you need to make sound business decisions and achieve your organization's goals.

How SAS®

To meet their daily challenges, healthcare leaders throughout the world rely on the power of SAS. With more than three decades of experience delivering industry-leading capabilities in data integration, advanced analytics and business intelligence, SAS provides everything needed to implement a complete intelligence creation and delivery process for effective decision making.

Capabilities

Data integration

SAS Data Integration provides a solid foundation for supporting your information needs by helping you transform your patient and organizational data into useful information. It provides capabilities for enterprise data access and processing across systems and platforms – including internal processes, patient information, third-party or regulatory sources, the Web and more.

SAS Data Integration also helps you ensure information excellence through data quality lifecycle management. And an interactive, visual data integration development environment enables collaboration and easy reusability across your organization, all with a single point of IT administration.

Advanced analytics

SAS is unmatched in turning data into powerful insights that solve your specific healthcare challenges. Our

solutions transform your questions into approaches that can be tested and validated to provide you with solid answers. This reduces uncertainty, quantifies variability, refines processes and helps you allocate resources with greater precision.

SAS equips you with valuable insights about your suppliers, operations, patients and organizational issues. These insights span not only the past and present but also the future, enabling you to respond effectively to unexpected changes, improve short-term results and act to ensure future excellence.

Business intelligence

In addition to transforming data into intelligence, SAS ensures that this information is made available to others in your organization who need to see it – in whatever format they choose.

Whether they require electronic distribution of reports, interactive query environments, delivery of content via a Web-based portal or publish-and-subscribe channel distribution of information through e-mail, SAS delivers. And SAS ensures that the applications you deploy today will serve you in the years to come, despite any changes in your infrastructure.

Only SAS provides an end-to-end solution that streamlines the delivery of intelligence. Our market-leading SAS Business Analytics Framework ensures that you can:

- Base your decisions on timely, accurate information.

- Share corporate objectives and knowledge throughout your organization.
- React quickly to evolving organizational priorities, patient needs and regulatory requirements.

Strategies into action

SAS recognizes that the success of your organization depends heavily on the ability to formulate effective enterprise strategies, share these strategies throughout your organization and turn these strategies into action. And, by now, you may already have a performance management framework in place to help. But no matter which framework you embrace — balanced scorecard, EFQM, Baldrige or Six Sigma — you need a powerful, flexible strategic management system to mobilize resources more easily and intelligently.

SAS provides a performance management solution that lets you do this, allowing you to focus, communicate and collaborate on strategy from a single portal.

With SAS Strategic Performance Management, healthcare leaders can connect traditional business data — like revenues and profits — with intangible measures such as the satisfaction of their patients, employees and physicians. This allows executives to balance business goals with reliable clinical outcomes, align the objectives of administrators and clinicians, and support change and continuous improvement.

SAS Strategic Performance Management helps you create a map for success, stay on a focused course and explore new opportunities along the way. At the same time, it serves as the starting point for digging deeper and finding the facts behind the figures. It gives you an instant snapshot of how everything in your organization fits together and sends a strategic heads-up about potentially harmful events before they occur.

SAS Strategic Performance Management is a driving force behind the only integrated suite of intelligence solutions that facilitates both strategic and operational decision making. SAS Strategic Performance Management exchanges information with other business solutions across your organization — solutions for managing patient and supplier relationships, IT, finances, human capital and risk — to ensure that everyone is working in sync and heading toward common goals.

Healthcare, business and technology expertise

To best meet the needs of healthcare executives and clinicians, you must first understand their needs. At SAS, we've built a highly focused healthcare division made up of business, technology and, most importantly, healthcare industry experts. These are people who know your challenges, having faced them daily themselves. And now they bring this knowledge to you to help you overcome your obstacles effectively.

SAS experts — consultants, educators and implementers — first help align your business strategies and define your specific goals, then set metrics in place to measure your success. We make sure your organization's objectives, performance measurement criteria and technology are all in sync. SAS maximizes your organization's return on investment and assures that all of your technological needs, current and future, are met.

Our experts can show you how to:

- **Address your most pressing business challenges** and move out of crisis management mode.
- **Make more informed, proactive decisions** by generating new knowledge from your existing data.
- **Solve relevant problems** using proven business intelligence methods.
- **Uncover your organization's best practices**, enabling you to implement optimal, repeatable processes and improve outcomes.
- **Take these new processes to all levels of your organization** to build consensus, making sure everyone understands and adopts your business strategy.

SAS experts and solutions have a long history of success in healthcare. In fact, SAS solutions are currently helping to solve a variety of business challenges in most major medical research facilities in the world. These organizations rely on the ability of SAS to deliver reliable, unrivaled software with the right mix of experts standing behind it.

About SAS

SAS is the leader in business analytics software and services, and the largest independent vendor in the business intelligence market. Through innovative solutions delivered within an integrated framework, SAS helps customers at more than 45,000 sites improve performance and deliver value by making better decisions faster. Since 1976 SAS has been giving customers around the world THE POWER TO KNOW®.

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