



## SAS® Solutions OnDemand: Drug Development

An analysis and reporting solution that can grow with your organization

### Overview

Last year, life sciences organizations spent nearly \$90 billion on R&D globally – a 56 percent increase since 2001. Unfortunately, this increase in spending has not been matched by an increase in the number of new drug applications being submitted to the FDA for approval. In fact, that number has fallen by almost 50 percent since the mid-1990s.

There are many reasons for this. Researchers lack adequate, reliable information early enough in the process to make informed research program decisions. And inefficient data transformation, analysis and reporting, along with a cumbersome submission process, stretch the time-to-market for potential new drugs.

SAS Solutions OnDemand: Drug Development provides a centralized, controlled and compliance-enabling platform for efficiently developing, executing and managing the transformation, analysis and submission of clinical research data. The solution was designed to bring the value of the enterprise SAS Drug Development solution to small and midsize businesses.



### Challenges

- Increased regulatory scrutiny.** In direct response to the public's concerns, regulatory agencies are upping the ante on compliance and approvals, giving small and midsize businesses little margin for error.
- Compliance and control.** Bringing proper levels of compliance and control to statistical reporting processes can be especially difficult for midsize and emergent organizations.
- Secure collaboration.** Securely collaborating with both internal and external organizations is a major challenge.
- Significant financial exposure.** Bringing a new therapy to market carries significant financial risk for investors.
- Increasing data volume.** Growing volumes of data from research studies threaten to overwhelm systems and processes, raise costs and slow down drug development cycles.

## The SAS® solution

SAS Solutions OnDemand: Drug Development is a controlled, Web-based system for managing, analyzing and reviewing clinical trials data. With this solution, you get:

- **Secure access for both internal and external user communities**, including contract research organizations (CROs), collaborative development partners and independent data monitoring committees (IDMCs).
- **Automated integrity, traceability and transparency documentation** for all data analysis activities.
- **A controlled information repository** for managing finalized trial data and results, as well as other regulated content including SOPs and project documentation.
- **Easy-to-use, browser-based applications** to develop, test and apply SAS Analytics to clinical trial data in order to determine safety and efficacy outcomes.
- **No direct IT hardware or software installation, system administration, validation or maintenance costs** related to SAS processing of clinical trials data.
- **Rapid implementation** time frame.

### A cost-effective alternative

Requiring only a Web browser for access, SAS Solutions OnDemand: Drug Development is a cost-effective alternative to an enterprise SAS Drug Development implementation. Here's why:

- **Right-sized.** The solution is right-sized for smaller businesses, and you can always migrate to an enterprise SAS Drug Development solution as your business needs grow and change.
- **Online training.** Included training is available online and on your schedule. On-site and extended training is also available for purchase to meet your business requirements.
- **Full-featured.** All embedded enterprise-level content management and capabilities are supported, including the SAS code development and execution environment.
- **Standard installation.** All SAS Solutions OnDemand: Drug Development installations are standard in terms of server and software image.

### The SAS® difference

- **World-class analytics.** While less-rigorous analytics work for certain applications, the critical nature of clinical research demands the best analytics available.
- **Customer success.** Many organizations of all sizes are already gaining competitive advantage with SAS Drug Development.
- **Experience.** For more than 30 years, SAS has been used to analyze and report safety and efficacy for medical products.
- **Proven hosting.** SAS hosting allows a fast and reliable implementation, without causing additional strain on small and midsize businesses' limited internal IT infrastructure and resources.

### About SAS

SAS is the leader in business analytics software and services, and the largest independent vendor in the business intelligence market. With innovative business applications supported by an enterprise intelligence platform, SAS helps customers at 44,000 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®. [www.sas.com](http://www.sas.com)



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