

# STREAMLINE INFORMATION TECHNOLOGY WITH BIOVIA FOUNDATION

LIFE SCIENCES / IT MANAGEMENT

Datasheet



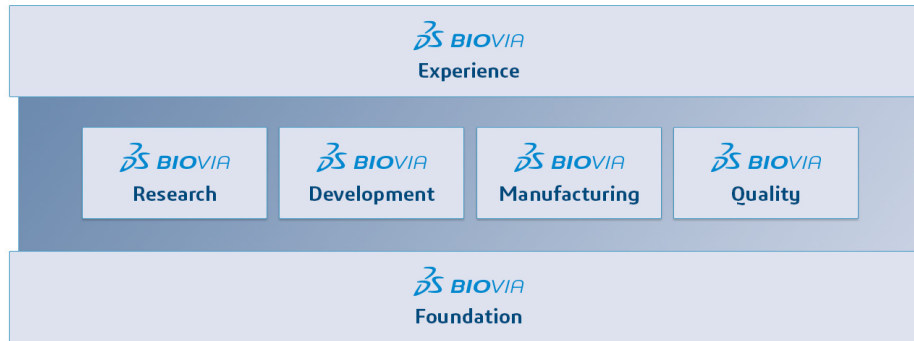
Life Science organizations often struggle to expand enterprise capabilities and enhance productivity when their scientific teams are hampered by disparate specialized software applications that have been stitched together from diverse home-grown or vendor-supplied technologies that do not support a collaborative, integrated innovation lifecycle.

The old way of wiring together hundreds of point products is unsustainable. To remain competitive in the 21st century, Life Science organizations need the ability to build, deploy, extend and integrate applications that meet the needs of scientists in multiple functional domains from early product ideation to commercialization. To unlock the true value of digitizing processes, scientific data and knowledge, and drive sustainable growth, scientific applications need to be built on an open, flexible, scientifically-aware technology platform that supports today's dynamically changing enterprise informatics landscape.

To address this challenge, Life Science IT groups need a strategic, trusted informatics partner that shares their vision and passion for connecting and orchestrating data, models, people and processes inside and outside the enterprise firewall.

Transitioning to a digital technology platform is the first step in building a shared informatics environment where scientific teams can collaborate effectively to bring better therapeutics to market faster, at lower cost and in a way that is completely auditable and compliant.

As the largest scientific application provider in the software industry, Dassault Systèmes BIOVIA® offers Life Science companies an enterprise scientific solution that can transform organizations by driving innovation with minimal disruption. With a view to empowering the IT community, BIOVIA applications are either built on or integrated with the open, flexible and scalable BIOVIA Foundation—a unique technology infrastructure supporting rapid application development, extension and integration in a Service-Oriented Architecture.



## INTEGRATION, HARMONIZATION AND STANDARDIZATION

Built with science at its core, the BIOVIA Foundation enables IT groups to integrate key scientific applications seamlessly with existing downstream systems, accelerating the innovation-to-commercialization lifecycle and lowering total cost of ownership. With the BIOVIA Foundation, IT groups can demonstrate control over applications and data by deploying them in a standard, consistent manner across the organization. The common technology infrastructure simplifies data management, while accelerating quality and compliance reporting by providing experimental results that are easy to share, trace and reproduce.

Benefits of implementing the BIOVIA Foundation include:

- Reduced infrastructure costs resulting from an integrated application portfolio
- Less effort and cost in deploying and supporting IT assets
- Easier application support through asset consolidation on a common technology foundation
- Standardized data across departments
- Enhanced insight and management of complex scientific data across disciplines
- Reduced complexity supporting “single source of truth” practice across platforms
- Lower compliance risk with consistent data security, integrity and traceability
- Faster IT response to business and scientific requests
- Fewer non-value-added IT activities for a more efficient organization
- Modernized capabilities (tablets, cloud, current technology standards)

**36% higher operating margin where organizations use IT to enable strategic and competitive advantages**

**50% reduction in time spent aggregating data from multiple sources**

**85% reduction in time and resources needed to exchange data**

**85% improvement in regulatory compliance and data traceability**

BIOVIA performance benchmarking metrics

## WHY DASSAULT SYSTEMES BIOVIA?

A business partnership and executive commitment with Dassault Systèmes BIOVIA can help Life Science IT groups integrate research, development, manufacturing and quality solutions on a modern technology foundation. Harmonize applications. Provide better access to excellent science. Improve collaboration, reduce costs. Enhance quality and compliance across the enterprise.

To learn more, visit [accelrys.com](http://accelrys.com).

## Our 3DEXPERIENCE® platform powers our brand applications, serving 12 industries, and provides a rich portfolio of industry solution experiences.

Dassault Systèmes, the 3DEXPERIENCE® Company, provides business and people with virtual universes to imagine sustainable innovations. Its world-leading solutions transform the way products are designed, produced, and supported. Dassault Systèmes’ collaborative solutions foster social innovation, expanding possibilities for the virtual world to improve the real world. The group brings value to over 190,000 customers of all sizes in all industries in more than 140 countries. For more information, visit [www.3ds.com](http://www.3ds.com).

