

# A CLOUD-BASED PLATFORM FOR DRUG DISCOVERY COLLABORATIONS

DATASHEET

The pharmaceutical industry is rapidly restructuring its discovery business model to fully integrated, networked R&D, in which large parts of the discovery process are conducted through external collaborators and contract research organizations (CROs). This rapid change presents significant challenges in implementing the systems needed to support collaborative research, and to insure these networks can operate efficiently, accelerate innovation, and lower the cost of drug discovery.

BIOVIA ScienceCloud is uniquely positioned to help our customers overcome the informatics challenges presented by this fundamental shift in research business practices, whether you are in the

## Pharmaceutical or BioTech industry looking to

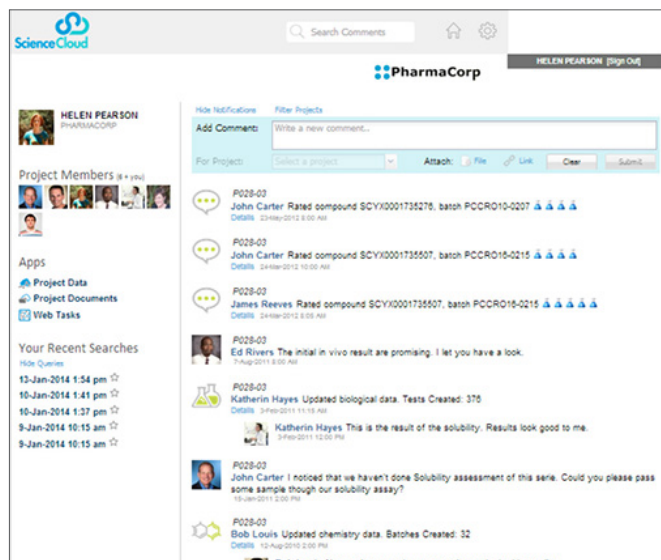
- Ensure real-time scientific collaboration with your partners
- Manage project IP in a secure site where contractual ownership is clear
- Spin collaborators up and down as fast as your partner networks change
- Enforce consistent business rules for results submission by network partners
- Reduce cost associated with supporting on-premise informatics solutions

## or are a CRO aspiring to

- Offer a higher level service to your customers to maintain a competitive advantage
- Send and receive requests, data, and results between all your partner network participants
- Manage documents and comply with your documentation requirements



Social Communication Improves Scientific Collaboration



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BIOVIA ScienceCloud provides everything you need to support externalized collaborative research:

**secure cloud solution**  
**scientific social networking**  
**accessible anywhere, anytime**

BIOVIA ScienceCloud helps customers overcome these challenges by leveraging an open ecosystem of web and mobile-accessible applications for:



COLLABORATION

**Collaborative Project Management:** Secure project management and the ability to share project information (whether structured data or documents) using a unique social networking approach to scientific collaboration.



NOTEBOOK

**Experiment and IP Capture:** BIOVIA Notebook, a flexible, multi-disciplinary, low-cost-of-ownership electronic lab notebook empowers sponsor organizations and network partners to capture and share experimental methods.



ANALYSIS

**Mobile Device Enablement:** A mobile iOS application lets scientists access the BIOVIA ScienceCloud, execute BIOVIA ScienceCloud tasks and share results with colleagues. An associated Mobile Collection for BIOVIA Pipeline Pilot allows developers to build scientific protocols which can

be deployed to mobile devices, leveraging mobile capabilities such as sound and image capture, location services, and speech-to-text.

To learn more about BIOVIA ScienceCloud, please visit [sciencecloud.com](http://sciencecloud.com)



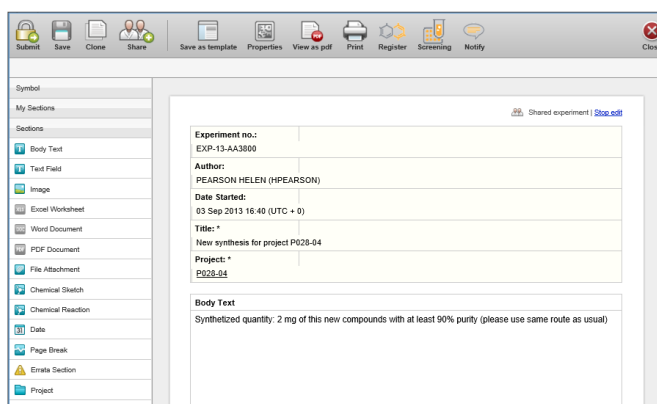
PROTOCOLS

**Custom Business Rules Extension:** BIOVIA Pipeline Pilot facilitates the creation and management of scientific services, implements standard business rules and enables data integration between BIOVIA ScienceCloud and on-premises systems.



EXCHANGE

**Publishing and Sharing Services:** The BIOVIA ScienceCloud Exchange is an open portal where scientists can publish and share BIOVIA Pipeline Pilot protocols (for example, reports created from BIOVIA ScienceCloud data), enhancing broad dissemination of essential research tools within the BIOVIA ScienceCloud community.



Manage Your Experiments and Capture IP in Notebook

## 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 170,000 customers of all sizes in all industries in more than 140 countries. For more information, visit [www.3ds.com](http://www.3ds.com).



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