

# BIOVIA TASK PLAN INTEGRATED TASK REQUEST, ASSIGNMENT, AND RESULTS REVIEW

Datasheet



With BIOVIA Task Plan, scientists can easily create tasks, assign them to colleagues, and request their completion directly within a single electronic laboratory environment. Additionally, scientists can digitally manage the submission, routing, receiving, tracking and reporting of results originating from laboratory work requests and test orders.

## LABORATORY EXECUTION MANAGEMENT

Laboratory work requests typically consist of one or more activities executed in a particular order on a set of materials, with dependencies and conditional terms. BIOVIA Task Plan supports the way scientists work in the lab. Flexible activity templates enable users to configure and manage activities that map to critical laboratory workflows for analytical and mechanical tests, chemical synthesis processes, biological testing, protein purification processes, polymerization, formulations optimization, and more. Business processes such as approvals, notifications, and routing can all be defined in accordance with organizational needs.

BIOVIA Task Plan is a web-based application that enables scientists to easily plan, request, assign and execute laboratory processes including:

- Prepare and test batches of solutions and materials
- Calibrate and verify laboratory equipment
- Acquire analysis data from equipment

Additionally, scientists can monitor task progress by reviewing laboratory planning, schedules and performance, and collate task results for review, analysis, and reporting.

## WORKING WITH BIOVIA TASK PLAN

Workflows within BIOVIA Task Plan reflect the way scientists work in the lab. With samples defined using the companion BIOVIA Samples application, Task Plan workflows generally follow this layout:

- Lab activities are defined as single lab procedures (performing a pH measurement, a chromatographic measurement, weighing etc.), which are then utilized to create tasks.
- Tasks are created from available activities – either a single activity or a group of related activities – and are assigned to be executed on available samples.
- The task creator can then assign tasks to other scientists in the lab, or execute the tasks directly.
- Requests to execute tasks can have different priorities and due dates assigned.
- Scientists can view all tasks assigned to them, and execute the procedures.

## BIOVIA TASK PLAN INTEGRATION

BIOVIA Task Plan operates as an integral part of the BIOVIA Unified Lab Management application suite, utilizing BIOVIA Samples for sample creation and management, BIOVIA Compose for authoring of activities and procedures, and BIOVIA Capture for procedure execution and data capture.

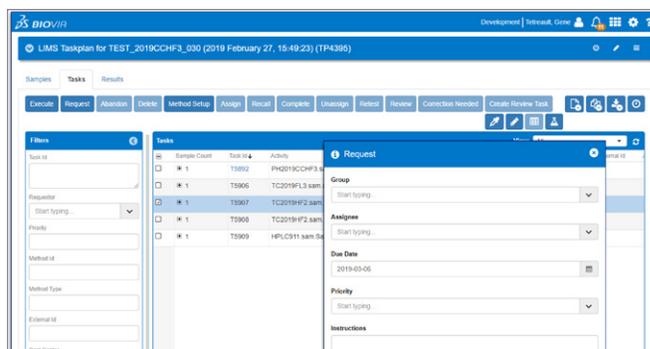


Figure 1. With BIOVIA Task Plan, scientists can execute procedures, assign and request tasks to others, and review the experimental results.

BIOVIA Task Plan can also be seamlessly integrated with BIOVIA Workbook. For example, integration with Workbook enables users to quickly create work requests on a set of samples in an experiment and transfer results back to one or more Workbook experiments– supporting the way scientists work with colleagues within their own lab and across other labs in the organization.

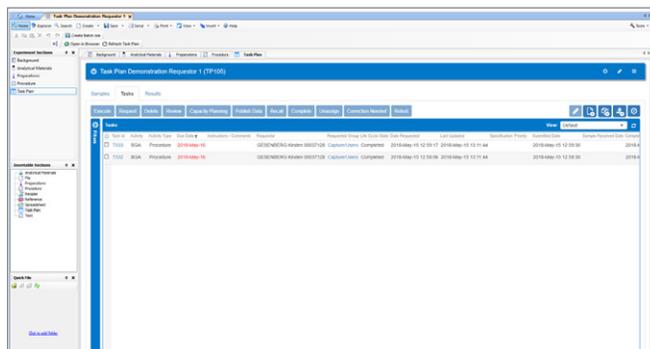
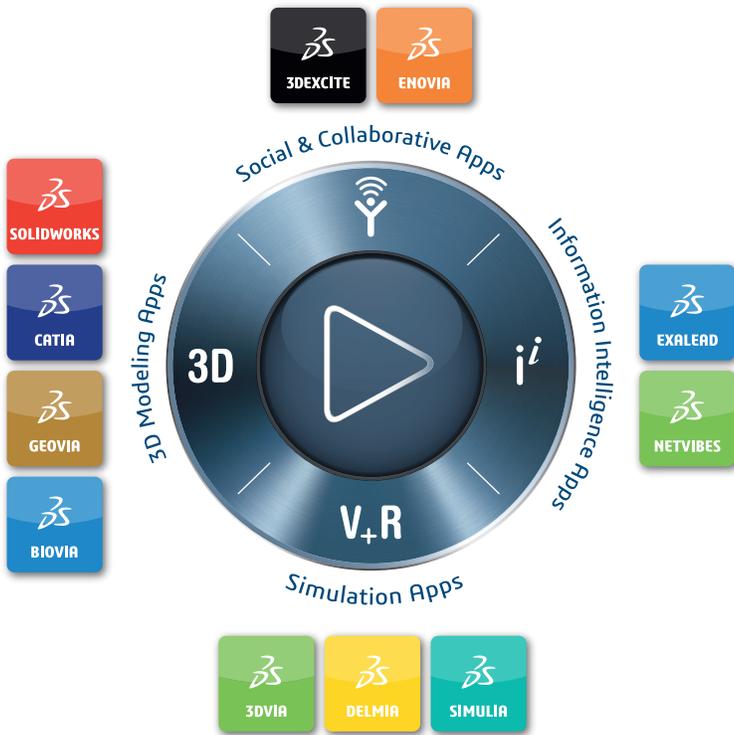


Figure 2. BIOVIA Task Plan can integrate directly with the BIOVIA Workbook ELN.

## BENEFITS OF BIOVIA TASK PLAN

- Improve collaboration between scientists with shared workflows and appropriate task assignments
- Achieve more consistent assignment and tracking of experimental work across different labs
- Increase lab efficiency through better work distribution and resource allocation
- Reduce inconsistencies in data collection and procedure execution methods
- Simplify the transition from process and method development to execution
- Improve the tracking, defining and labeling of samples associated with experimental tasks

BIOVIA Task Plan is part of BIOVIA's larger Unified Lab Management offering, with a comprehensive set of lab informatics capabilities for lab planning and scheduling, resource and recipe management, lab execution and reporting and analytics.



**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 210,000 customers of all sizes in all industries in more than 140 countries. For more information, visit [www.3ds.com](http://www.3ds.com).

**Europe/Middle East/Africa**

Dassault Systèmes  
10, rue Marcel Dassault  
CS 40501  
78946 Vélizy-Villacoublay Cedex  
France

**Asia-Pacific**

Dassault Systèmes K.K.  
ThinkPark Tower  
2-1-1 Osaki, Shinagawa-ku,  
Tokyo 141-6020  
Japan

**Americas**

Dassault Systèmes  
175 Wyman Street  
Waltham, Massachusetts  
02451-1223  
USA



©2018 Dassault Systèmes. All rights reserved. 3DEXPERIENCE®, the Compass icon, the 3DS logo, CATIA, SOLIDWORKS, ENOVIA, DELMIA, SIMULIA, GEOVIA, EXALEAD, 3DVIA, BIOVIA, NETVIBES, IPWE and 3DEXCITE are commercial trademarks or registered trademarks of Dassault Systèmes, a French "société européenne" (Versailles Commercial Register # B 322 306 440), or its subsidiaries in the United States and/or other countries. All other trademarks are owned by their respective owners. Use of any Dassault Systèmes or its subsidiaries trademarks is subject to their express written approval.