

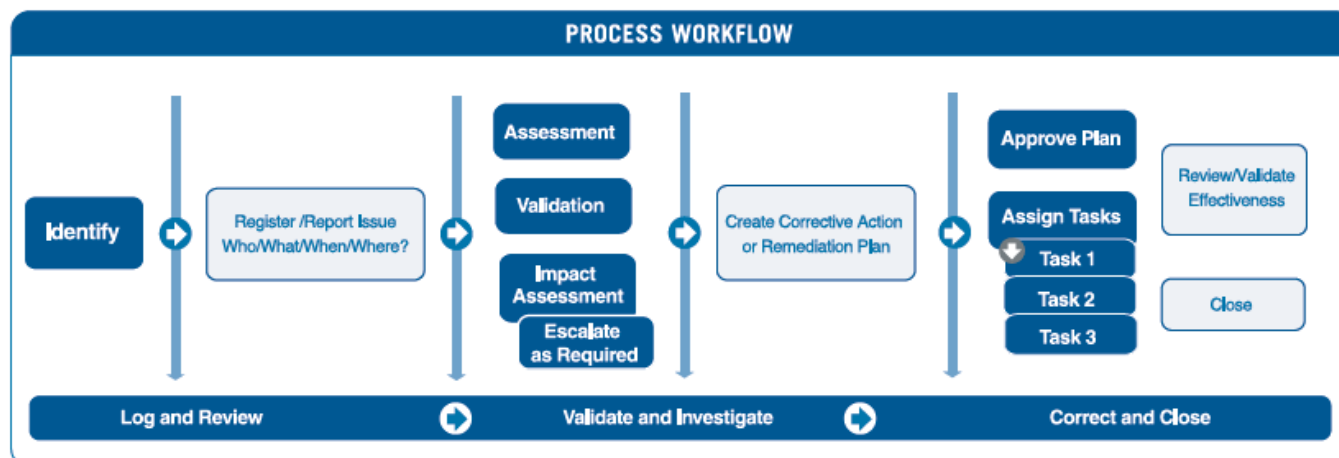
BIOVIA QUMAS PROCESS MANAGEMENT™

FLEXIBLE BUSINESS PROCESS MANAGEMENT DATASHEET

OVERVIEW

BIOVIA QUMAS Process Management™ enables organizations to standardize and automate their business processes that manage the collection, tracking, and analysis of information and the resolution of related issues. BIOVIA QUMAS Process Management includes web-based, configurable processes, workflows and forms that can be tailored to meet the needs of the organization. BIOVIA QUMAS Process Management integrates with BIOVIA QUMAS EDMS™ to provide access to controlled documentation during all phases of process management and with BIOVIA QUMAS Dashboard™ for sophisticated reporting of their business performance. Organizations not only benefit from an increase in efficiency and accuracy of business processes and activities, but also proactively improve their business performance.

BIOVIA QUMAS Portal™ provides a single, unified user interface for BIOVIA QUMAS Process Management and BIOVIA QUMAS EDMS - see the BIOVIA QUMAS Portal datasheet for more information.



FUNCTIONALITY

BIOVIA QUMAS Process Management consists of the following core components:

- Rules-based Workflow Engine
- Data Dictionary
- Business Rules Engine
- Audit Trail
- Forms Manager
- Advanced Reporting
- Event Handling

BIOVIA QUMAS Process Management can be used to manage a wide variety of processes, including:

- Planned and Unplanned Deviations
- CAPA
- Customer Complaints
- Audits (internal and external)
- Quality Checks

- Change Control
- IT Change Control
- Administration Processes
- Finance
- Legal
- Sales and Marketing Processes

If you require prepackaged processes, which include configuration, services and training, please refer to the following datasheets:

- BIOVIA QUMAS CAPA
- BIOVIA QUMAS Deviation
- BIOVIA QUMAS Change Control
- BIOVIA QUMAS Complaint
- BIOVIA QUMAS Audit

COMPLIANCE

Features	Benefits
Comprehensive Independent, Audit Trail	Independent, secure audit trail capturing all auditable events.
Complete Electronic Signature Manifestation	Displays all electronic signature components including printed name of signer, time/date stamp, and meaning of signature.
Irrefutable E-Record/ E-Signature Link	All electronic records include irrefutable link to electronic signatures to ensure record integrity.
Role-Based Electronic Signatures	Meaning of signature is synonymous with user role to ensure electronic endorsements match user intent.

FLEXIBLE WORKFLOW CONTROL

Features	Benefits
Workflow and Configuration Management	Flexible business process workflows, allow users to easily map their unique business processes to the system without costly customization.
Flexible Workflow Processing	Enables efficient management of in-process workflows without complication or compromise of regulatory diligence.
Advanced Workflow Management	Management of complex or simple processes and workflows at your fingertips, including workflow relationships.
User-Definable Scheduling	Helps users manage process scheduling of proactive tasks as well as reactive tasks, event notifications of overdue tasks, and workflows.
User-Definable Grids	Support for complex relationships between sets of information
Configurable Triggers and Escalation	Enables triggers to be set that automatically notify management or escalate critical issues.
Graphical Rendering	Produce graphical representation of the entire workflow process type.

INTEGRATIONS

Features	Benefits
Web Services API	SDK to link external third party applications with BIOVIA QUMAS Process Management.
External Data Location	Ability to automate lookup and selection of values maintained in other systems (e.g. ERP).
Event Queue Support	Provides messaging queues for integrated applications.

FORMS CREATION AND MANAGEMENT

Features	Benefits
User-Definable Fields	Allows users to configure the display of data in fields in a way that is familiar throughout the organization, using text entry, drop down lists and radio button selections.
User-Definable Layout	Users can define the layout of forms, including fields, sections and pages.
Simple GUI Wizard	Easy-to-use Forms Wizard facilitates the creation of forms on an as-needed basis.
Forms Security	Enables users to control security on objects.
User-Definable Look and Feel	Style sheets can be used to apply the company's corporate image to the user interface, including colors, logos and layout.

SEARCH

Features	Benefits
User-Definable Saved Searches	Facilitates the reuse of user-defined searches to improve efficiency and consistency.
Public and Private Searches	Promotes consistency and security across the organization through sharing of public searches and security for private searches.
Attribute Searches	Enables enhanced regulatory intelligence through attribute and searches.

BUSINESS RULE ENGINE

Features	Benefits
Advanced Business Rules Engine	Allows users to create rules around activities and fields in the system, and to set tolerances.
Easy-To-Configure	Simple GUI interface to Business Rules enables user to create business rules on an as-needed basis.

BUILT-IN SYSTEM ADMINISTRATION

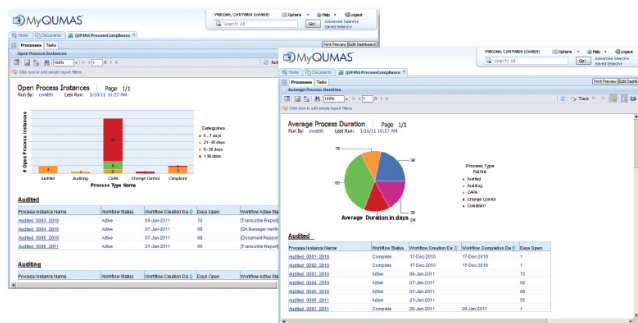
Features	Benefits
User-Profile Manager	Establish access and security profile for each role enabling access and control in compliance with current regulations.
Configurable Security Model	Requires minimal technical experience thus facilitating easy deployment.
Multiple Roles/User Support	Enables the configuration of a user with one or more roles. Minimizes administration and configuration burdens.
User-Configurable Parameters	All system administration parameters are configurable, enabling easy adaptation to your production environment without customization.
User-Definable System Preferences	System preferences may be defined according to regulatory requirements or industry best practices.
Built-in Best Practices	Includes built-in best practices in accordance with global regulations.
Workflow Configuration Rendering	As the workflow process is being configured, administrators can render it into a flow diagram to view steps and rules branching graphically. This diagram can be printed or e-mailed for discussion.

CONFIGURABLE REPORTS*

Features	Benefits
Standard Reports	A variety of standard process-related reports are built into the system to facilitate the easy retrieval of commonly accessed information.
User-Friendly Reports	Provides clear and instant access for users to the reports interface.
Integration with SAP BusinessObjects Enterprise	Extensive reporting capabilities are provided through full integration with SAP BusinessObjects Enterprise.

*Additional configurable reports are available through integration with BIOVIA QUMAS Dashboard. For more detail please refer to the BIOVIA QUMAS Dashboard datasheet.

BIOVIA QUMAS PROCESS MANAGEMENT REPORTS VIA BIOVIA QUMAS DASHBOARD



SYSTEM REQUIREMENTS

- Oracle 10g and 11i / SQL Server 2005, 2008 and 2012
- Tomcat 6
- IE 8 , 9 and 10.
- SAP BusinessObjects Edge XI v3.1

ABOUT BIOVIA

Dassault Systèmes Biovia Corp. (BIOVIA) provides global, collaborative product lifecycle experiences to transform scientific innovation. Powered by Dassault Systèmes' 3DEXPERIENCE® Platform, BIOVIA solutions create an unmatched scientific management environment that can help science-and process-driven companies create and connect biological, chemical, and material innovations to improve the way we live. The industry-leading BIOVIA portfolio integrates the diversity of science, experimental processes and information requirements across research, development, QA/QC and manufacturing. Capabilities include scientific data management; biological, chemical, and materials modeling and simulation; open collaborative discovery; scientific pipelining; enterprise laboratory management; enterprise quality management; environmental health and safety; and operations intelligence. BIOVIA solutions are used by more than 2,000 companies in the pharmaceutical, biotechnology, energy, chemicals, aerospace, consumer packaged goods and industrial products industries, as well as academic and government entities.

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.



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