

MotioCI Data Sheet

Change Management for IBM Cognos

MotioCI™ delivers higher performance, quality, and manageability of IBM Cognos through its unique blend of capabilities in version control, release management, and automated testing. MotioCI integrates with Cognos, managing each step of the business intelligence life cycle — from the initial development process to testing, to deployment and ongoing maintenance.

Automated Version Control

As changes are made to any IBM Cognos object, MotioCI's version control automatically detects these changes and records versions of the object. MotioCI delivers real-time environment monitoring into who changed what and when. Quickly troubleshoot problems by accessing the entire change history of Cognos objects and visually comparing their versions.

Why is Version Control Important?

No matter the size of a Cognos implementation or BI team, changes and mistakes compound over time and result in BI content that's difficult to manage. MotioCI grants the ability to *effectively* maintain control in Cognos, thus significantly reducing re-work and shortening BI development cycle times.



Release Management

Deploying content in Cognos is a cumbersome process with limited capabilities. MotioCI offers a wide range of flexibility without compromising control over deploying content between Cognos environments. MotioCI offers the freedom to release BI content specified by any user and to schedule releases at any date and time.

For governance and traceability, all content releases are captured through version control. A record of all content deployments is furnished, which includes when the release occurred, what was included in it, who initiated it, and the results of the deployment.

Thanks to version control and release management in MotioCI, BI team members no longer have to rely on administrators for deployments. With MotioCI they can initiate their own BI content releases with the comfort of knowing the deployments can be easily reverted to previous versions. This combination of freedom and control provided by MotioCI alleviates any obstacles associated with releasing BI content.

MotioCI™

US Patents: 7,885,929; 8,140,477; 8,285,678; and 8,972,349

Change Management Features

Automated version control

Real-time environment monitoring

Streamlined release flexibility

Label-based release management

Self-service deployment

Motio reporting: BI for your BI



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Quality Assurance for IBM Cognos

Maintaining accuracy and consistency of BI content is critical to the performance and reliability of Cognos implementations. Continuous BI testing ensures organizations are achieving and delivering accurate and reliable data to their business users. MotioCI, with its extensive BI testing features, offers the most reliable approach to Cognos testing.

Continuous BI Testing

How do organizations ascertain that the data they rely on to make business decisions is accurate? How do BI teams maintain consistency throughout their entire BI infrastructure? Organizations that have adopted an agile BI methodology build testing throughout every step of the development cycle. Continuous testing in MotioCI centers on the software development concept of continuous integration by automatically applying BI tests at regular intervals. Proactively monitoring BI environments reduces the time and costs associated with BI development, by notifying key stakeholders when problems surface early on in the development cycle.

MotioCI allows BI teams to rapidly create and customize test cases that automatically check the Cognos implementations for issues. BI teams can validate data accuracy, monitor changes to data sources, maintain consistency across Cognos environments, and much more with the breadth of testing capabilities available in MotioCI.

Impact Analysis

Sometimes BI content does not behave as expected once released to a production environment. For example, reports may not produce the same data and performance could degrade. Impact Analysis in MotioCI allows BI teams to test how content will perform in the target environment before going live with the deployment. The Impact Analysis feature provides a way to test on the spot and prevent problems before they have a chance to happen.

Benefits of Continuous Testing

- Diagnoses problems faster
- Improves quality and performance
- Detects issues before reaching end users
- Creates a BI safety net by continuously running tests at desired frequencies
- Reduces development time and costs



Quality Assurance Features

- Continuous BI testing
- Predictive deployment testing
- Environment consistency testing
- Upgrade verification testing
- Integrated unit testing