



## IBM Rational Insight

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### Highlights

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- **Automates collection, measurement and analysis of realtime data to reduce errors and facilitate informed decision making**
- **Offers role-based metrics to provide relevant, timely and actionable information**
- **Provides visibility into your data across projects, products and geographical boundaries so you can monitor status and progress in a single view**
- **Offers best-practice frameworks that help you assess, measure and improve process results**

### **Deliver the right information at the right time**

As economic climates continue to change, organizations must find ways to keep their competitive advantage while meeting customer needs with fewer resources and more budget constraints. To achieve this, managers must be able to make the right decisions at the right time. However, many struggle with poor information quality, quantity and integrity, which results in a lack of visibility into their projects and processes, and affects their ability to make effective business decisions.

IBM Rational® Insight performance management software can provide your organization with tools that help you keep your project and process investments in concert with your strategic objectives. Providing visibility into and control of risks, statuses and trends, Rational Insight helps you accurately measure, monitor and analyze

performance and take corrective actions when necessary. The software delivers measurement best practices that help organizations enhance solution quality, improve control of software and systems development and delivery, and ultimately reduce time to market.

### **Make informed decisions based on actual data**

Good management starts with obtaining accurate and objective information. Lack of timely and relevant information about the progress and status of projects yields underperformance and leads to missed business goals. Under tight deadlines and budgets, stakeholders and delivery teams require immediate answers to critical questions such as *What current trends could affect cost and schedule?* and *What is the arrival rate of new defects?* and questions about the overall capability of the delivery platform. Without visibility into the development lifecycle, it is difficult, if not impossible, to answer these questions accurately.

With Rational Insight, teams can use a single, Web-based interface to view accurate, realtime project and process performance information—including baselines, averages and goals—so all team members know how they are doing at all times. The application manages data quality and timeliness by automating the collection, measurement and analysis of realtime data from across disparate repositories, including IBM Rational ClearQuest®, IBM Rational ClearCase® and IBM Rational Quality Manager software, as well as from third-party tools such as Microsoft® Project software and XML data sources. This automation helps minimize the impact of manual errors and the risk of using incomplete information to make decisions. Moreover, Rational Insight provides flexible dashboards that help synthesize information into graphical elements that let you quickly see status and spot issues, which can then be drilled into and allow root causes to be discovered.

By having this vital information at your fingertips, you can take prompt corrective action, assess reasons for missed deadlines, set realistic project expectations and make better-informed decisions.



Figure 1: Rational Insight automates the measurement and analysis of actual on demand data to improve software and systems development and delivery.

### Optimize information by role

With Rational Insight, you no longer need to waste time waiting for status reports, asking multiple people for updates, basing your work on outdated information or digging through different databases and documents. Rational Insight provides you with a single, personalized view of the information most relevant to your needs.



Figure 2: Stay informed wherever you are with status indicators and e-mail alerts.

Whatever your role—whether you are an executive, project manager or process lead—built-in measures and metrics, tailored to your specific needs, help you quickly assess the status of your projects. The personalized metrics analyze summary views and offer a drill-through capability that can generate more detail. What’s more, Rational Insight enables you to evaluate actual results against business or project goals, and it allows you to set up customized e-mail notifications. You can also configure the software to deliver information directly to most mobile devices, so you can receive and retrieve information nearly anywhere in the world, any time you need it.

**Cross project, product and geographical boundaries**

Product or project delivery is critical to the success of any business. It contributes to a company’s financial performance and helps build confidence for the future. However, without full visibility into progress, processes and risks, poor decisions can occur because of “blind spots,” or information gaps, which are especially common across project, product and geographical boundaries. Organizations must have the ability to measure and analyze actual progress against targeted goals, assess historical information to learn from failures, and monitor the progress of their projects—all of which can help businesses make the right decisions faster.

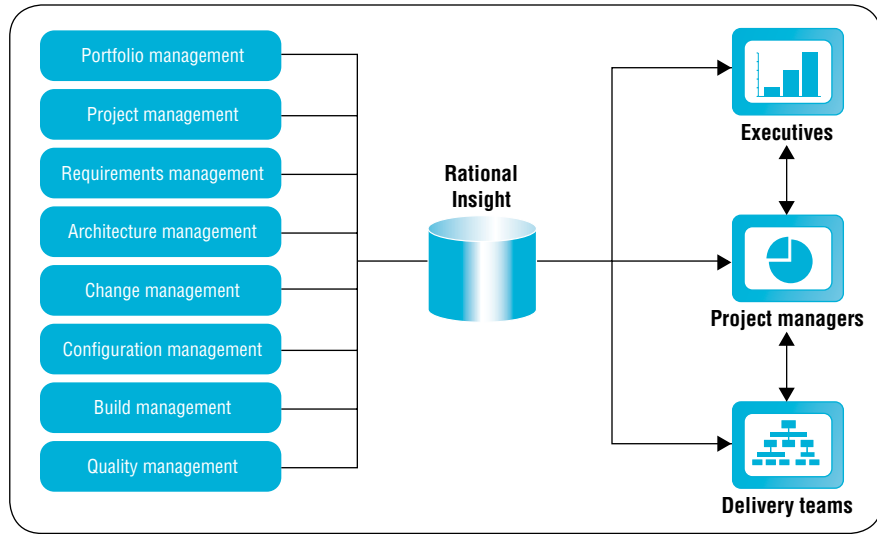


Figure 3: Rational Insight turns technical data into relevant and timely business information.

With Rational Insight, you can quickly and easily gain visibility into your data across projects, products and geographies to monitor statuses and answer questions related to key aspects of your activities, such as requirements volatility and stability and defect density. To bridge the gap across boundaries, you can also:

- *Monitor statuses using realtime data from across all of your projects in a single view.*
- *Create dashboards in several formats from across disparate repositories.*
- *Tailor dashboards to fit your needs.*
- *Manage resources to increase your team's productivity.*
- *More successfully predict your projects' outcomes.*

**Continually improve your process**

For most, streamlining and maturing business process capabilities regarding software and systems delivery are priorities. It seems that there is always more pressure to speed time to market and do more with less. However, you can’t improve what you don’t measure. IBM Rational Insight lets you evaluate historical data to identify lessons learned and take advantage of quality and performance metrics. It also helps you ensure that your project is on course by providing a library of best practices and management techniques featuring ready-to-use dashboards and metrics.



Rational Insight is tightly coupled with the Measured Capability Improvement Framework from IBM for best-practice measurement guidance. The framework helps ensure that you capture the right information to measure for improvements. It can also help you:

- *Adopt an incremental, measured approach to transforming your business for process improvement.*
- *Focus on the core practices that matter most to your business.*
- *Accelerate adoption through out-of-the-box assets.*
- *Articulate capability improvements in terms of business value.*

Using the Measured Capability Improvement Framework, Rational Insight helps you measure, manage and incrementally improve your software and systems delivery.

#### **For more information**

To learn more about IBM Rational Insight software, contact your IBM representative or IBM Business Partner, or visit:

[ibm.com/rational](http://ibm.com/rational)

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