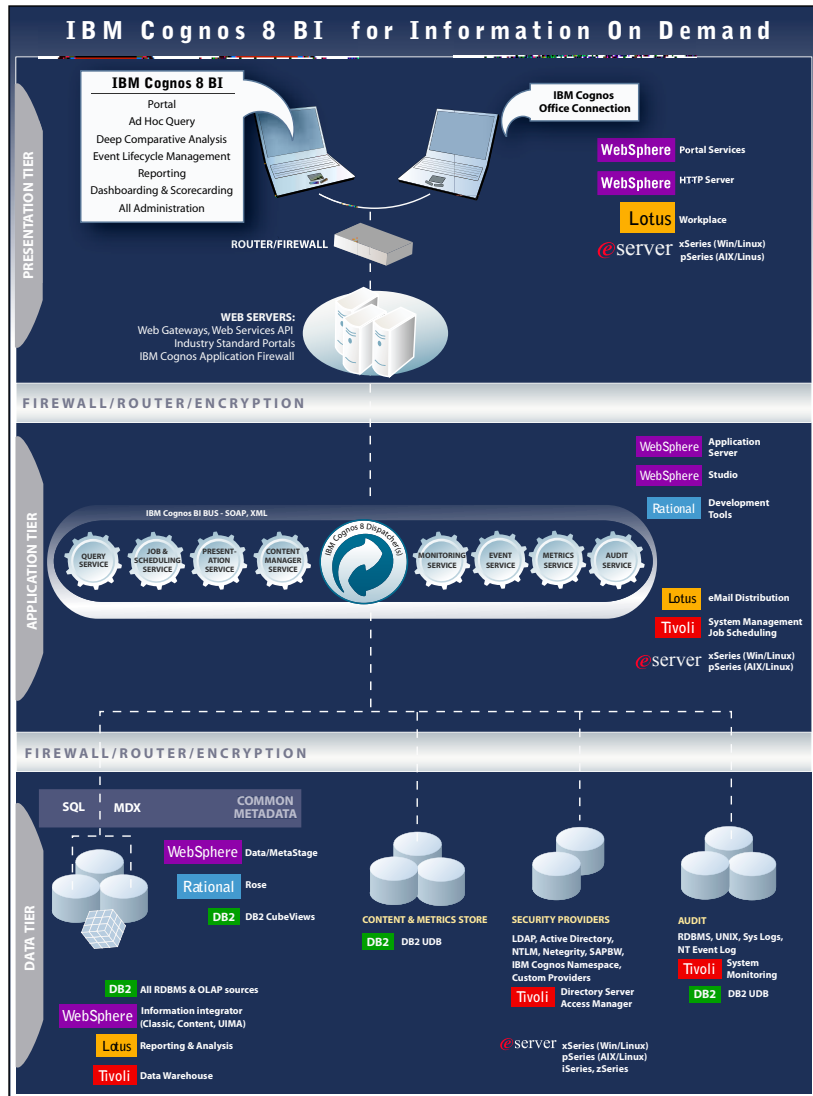**IBM**®

Healthcare Performance Management from IBM
Information where it matters most

Overview

In the days of shrinking budgets and increased demand for services, healthcare organizations are constantly being challenged to use resources more efficiently, while ensuring the highest-quality patient care. A large success factor for them lies in their ability to transform the vast amounts of disparate health and patient data into information assets for a true picture of performance. It is essential that healthcare providers, suppliers, and other important stakeholders have a platform where they can effectively collaborate and make critical, informed decisions. By understanding the predictors of treatment and care, they will be better able to plan for and deliver consistent and predictable care to their communities, while optimizing the use of precious financial and facility resources.

Integrating IBM Cognos® Business Intelligence (BI) with other IBM software, hardware, and middleware creates the right framework to monitor all aspects of the health system. Healthcare providers can optimize resource use, track and analyze clinical information, improve operational efficiencies, and comply with government regulations, while protecting the confidentiality and security of patient data.

IBM Cognos 8 BI for Information On Demand

Technical Specifications

IBM Cognos 8 BI provides a full integration with IBM Information On Demand infrastructure, giving you the reporting, analysis, querying, planning, scorecarding, and event detection tools you need to make full use of your data and focus on your core business of providing patient care.

IBM Cognos 8 Special Edition is an all-in-one BI solution, including a Web server, application server, and a database server, for complete business intelligence functionality. You now have a performance management solution that leverages existing applications,

Information Management

Cognos®
software

data, and hardware, while remaining truly scalable. Your IT can easily install, test, and deploy enterprise reporting, analysis, dashboards, scorecards, planning, and business event management with confidence. The IBM Cognos 8 Special Edition has been fully tested and is fully supported by IBM, which eliminates risk and helps reduce costs associated with BI deployment.

Features and Benefits

With IBM Cognos 8 BI, healthcare providers can quickly and easily:

- Consolidate data from disparate sources
- Coordinate information with and across the organization
- Improve coordination of policy, resources, and information
- Conduct effective financial and compliance reporting
- Monitor operation performance with reports, scorecards, dashboards, and more
- Manage clinical effectiveness
- Share healthcare and treatment data through intranets, portals, extranets, and public Web sites.

Pairing this IBM Cognos 8 BI functionality with other IBM technology helps companies improve performance, lower costs, and capitalize on their IT investment while delivering solutions with flexibility, functionality, and ease of use.

IBM Cognos 8 BI fully integrates with IBM Information On Demand infrastructure by leveraging:

- IBM DB2® Universal Database™
- IBM DB2 Warehouse Manager
- IBM DB2 OLAP Server™

- IBM DB2 Cube Views™
- IBM WebSphere® Application Server
- IBM WebSphere Portal
- IBM WebSphere Information Integrator
- IBM WebSphere Data Integration Suite

It is available on:
- IBM eServer pSeries®
- IBM eServer xSeries® systems (Windows®, AIX®, and Linux®)

Data can be accessed from all IBM eServer platforms, including:
- iSeries®
- pSeries
- xSeries
- zSeries®

IBM Cognos 8 BI and enterprise planning

IBM Cognos 8 BI offers the most complete set of performance management capabilities in the industry. IBM Cognos software lets companies drive performance through planning, monitor it through scorecards, and understand it through business intelligence–all delivered in a seamless environment. IBM Cognos performance management components include:

- **Reporting and Dashboards.** Users can create, modify, and distribute any report the company requires– invoices, statements, weekly sales and inventory reports, from any data source for consistent fact-based decision-making. With dashboards can view and analyze complex data in intuitive graphical formats, including dashboard layouts, geographical maps, pie or bar graphs, or 3D graphs.

- **Analysis and ad-hoc query.** Online analytical processing (OLAP) means users can explore large volumes of summarized data in a variety of formats with industry-leading response times, drilling through to the details they need.
- **Enterprise Planning.** Cognos software provides users with an integrated, best-in-class solution for planning, budgeting, forecasting, modeling, consolidation, and financial reporting.
- **Scorecarding.** Scorecards deliver measurable metrics that let users know immediately where they stand, enabling them to manage their performance.
- **Event detection.** Time-critical business intelligence is automatically delivered to decision-makers through e-mail and wireless technologies, allowing them to focus quickly on what needs immediate attention.

IBM also offers the IBM Cognos 8 Special Edition, which is an all-in-one BI solution that embeds three key proven IBM middleware technologies, including a Web server, application server, and a database server, with IBM Cognos software for complete business intelligence functionality.

The IBM Cognos 8 Special Edition comes with an embedded version of:

- IBM WebSphere as its Application Server
- IBM HTTP Server as its Web Server
- DB2 UDB as its content store

With the complete turn-key solution offered by the IBM Cognos 8 Special Edition, companies can now leverage a performance management solution that leverages existing applications, data, and hardware while remaining truly scalable. With this offering IT can easily install, test, and deploy enterprise reporting, analysis, dashboards, scorecards, planning, and business event management with confidence, knowing it will integrate quickly and cohesively with their infrastructure. The IBM Cognos 8 Special Edition has been fully tested and is fully supported by IBM, which eliminates risk and helps reduce costs associated with BI deployment.

IBM technology solution

The deployment of mission-critical solutions dictates the use of dependable technology. IBM has a proven track record in the healthcare sector for delivering unmatched project success. Specifically, IBM provides:

- Healthcare deployment experience to thousands of customers
- The comfort of dealing with an exceptionally stable company
- Accelerated project implementation as a result of the pre-integration of the respective solutions and associated components
- Best practice business intelligence infrastructure leveraging a proven architecture, open standards, and associated components
- Reduced project risk in BI implementations due to the extensive project management experience of IBM

With IBM, healthcare providers can manage operational performance, improve patient safety and increase clinical effectiveness. By managing, measuring, and analyzing day-to-day operations they have been successful in reducing patient wait times, increasing staff during expected service uptakes, and maximizing medical equipment and facilities usage. With up-to-date, cross-departmental information at their fingertips, healthcare staff is more accountable to make informed decisions and implement the necessary operational adjustments. In essence, they can stop looking for information and return to their key mandate of looking after people.

Feature Overview

IBM Cognos 8 BI provides:

- True integration with other IBM technology, including databases, eServers, and WebSphere.
- Reporting–invoices, statements, weekly sales and inventory reports– from any data source for consistent fact-based decision-making.
- Dashboards to view and analyze complex data in intuitive graphical formats.
- Analysis and ad-hoc query. Online analytical processing (OLAP) means users can explore large volumes of summarized data in a variety of formats with industry-leading response times, drilling through to the details they need.
- Enterprise Planning that provides users with planning, budgeting, forecasting, modeling, consolidation, and financial reporting.

- Scorecards that deliver measurable metrics to let users know immediately where they stand and enable them to manage their performance.
- Event detection using automatically delivered time-critical business intelligence.

IBM Cognos 8 Special Edition provides :

- A complete turn-key solution that includes IBM WebSphere, HTTP Server, and DB2 UDB.
- The power to leverage existing applications, data, and hardware while remaining truly scalable.
- Easily installed, tested, and deployed enterprise reporting, analysis, dashboards, scorecards, planning, and business event management.
- A system that has been fully tested and is fully supported by IBM.

About IBM Cognos BI and Performance Management:

IBM Cognos Business Intelligence (BI) and performance management solutions deliver world-leading enterprise planning, consolidation and BI software, support and services to help companies plan, understand and manage financial and operational performance. IBM Cognos solutions bring together technology, analytical applications, best practices, and a broad network of partners to give customers an open, adaptive and complete performance solution. Over 23,000 customers in more than 135 countries around the world choose IBM Cognos solutions.

For further information or to reach a representative: ibm.com/cognos

Request a call

To request a call or to ask a question, go to ibm.com/cognos/contactus. An IBM Cognos representative will respond to your enquiry within two business days.

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