



IBM FileNet Business Process Manager 4.5

Highlights

- ***Improves on traditional design and development for process- and content-based applications, providing lower cost and improved time to value***
- ***Leverages Web 2.0 technologies for quick assembly of flexible application user interfaces, providing a better and richer user experience and improving user adoption***
- ***Is integrated with IBM Content Manager software, providing advanced content-centric business process enablement, eliminating the need to migrate content***
- ***Empowers business users to participate in the modeling and design of processes, and to collaborate with IT staff in building applications***

Automating, streamlining and optimizing business processes

Processes define how you run and differentiate your business. Managing the flow of work and information along process paths can determine the speed, agility and quality of your decision making—and can affect how well you are executing against business objectives and goals.

But before many organizations can automate processes, they have to overcome challenges. Many still perform business processes manually, making optimization and standardization difficult. Others may have partially automated their processes but find them locked within disconnected application silos where they are difficult to modify when conditions change. Worse, business managers who own processes likely have little visibility and control over them.

Organizations using the right business process management (BPM) capabilities within their enterprise content management (ECM) environments, however, are conquering these challenges. They are enabling a competitive edge by automating, integrating and optimizing business processes at every level of their organization. And they are doing it with the help of IBM FileNet® Business Process Manager 4.5 software and FileNet BPM products.

FileNet Business Process Manager 4.5 adds important capabilities that help organizations realize value from their BPM and ECM investments faster, enabling greater business agility and competitiveness for the organization.

Managing the full life cycle of your business processes

Fully integrated with content and compliance solutions on the ECM platform from IBM, FileNet BPM offerings are designed to manage the flow of work and content by streamlining, automating and optimizing business processes. IBM FileNet BPM products have the flexibility and scalability to handle complex business processes involving millions of transactions, thousands of users and multiple applications.

FileNet BPM products help better manage the process life cycle from process modeling and simulation, to deployment and execution, to analytics and monitoring, and ultimately to process optimization.

Helping your organization accelerate decision making

The moment of decision happens thousands of times a day—and each moment affects the velocity of your business. By streamlining operations, integrating content with processes and providing access to the right information in context, FileNet BPM offerings help you make timely and accurate decisions.

Delivering increased agility

By simplifying and enhancing design and configuration tools, and leveraging Web 2.0 technologies such as mashups, FileNet Business Process Manager 4.5 is designed to enable business and IT collaboration and to speed and enhance the development of BPM applications. Leveraging a set of standards-based, prewired ECM widgets, content and process applications can easily be composed and assembled. This results in increased IT responsiveness and agility.

In run time, content-based events such as the arrival of a document can automatically launch a process. FileNet Business Process Manager 4.5 also manages process exceptions so you can react immediately to internal events or customer demands.

Delivering a comprehensive set of key BPM capabilities

IBM solutions give you powerful tools for improving business agility by quickly and easily building and changing content-centric process applications. Capabilities include:

Standards-based process modeling for business—provides business analysts with an easy-to-use Microsoft® Visio software-based modeling environment to define process models based on business process modeling notation that can be directly mapped to process definitions in XML Process Definition Language (XPDL).

Standards-based process design tool—includes a Web-based process design tool that can read and produce portable process definitions in XPDL as well as reusable step palettes that can be extended and customized for groups and industries. Enables

business users to model processes in IBM FileNet Process Designer using a new diagram and document mode for collaboration with IT professionals.

Process simulation—integrated with FileNet Process Designer, enables simulation of processes based on real execution data or assumed scenarios; provides simulation animation and produces statistics on simulations that can be analyzed to identify bottlenecks and optimize processes.

Web 2.0 mashup technology and widgets—leverages mashup technology from IBM, along with a set of extensible widgets based on the IBM iWidget standard (both built into FileNet Business Process Manager 4.5), for flexible and quick assembly of process- and content-centric applications with rich user interfaces.

Process tracking, analysis and integration using business intelligence tools—empowers better business decisions by monitoring processes and providing in-depth online analytical processing (OLAP)-based analysis of live and historical process information. Integrating and leveraging tools such as IBM Cognos 8 Business Intelligence software can help provide insight and aid in decision making.

Active content and event-driven processing—helps increase the agility and responsiveness of business operations by automatically responding to business events, especially content-related events.

Integrated content management and compliance solutions—manages, stores and shares content that is part of business processes without the burden of integrating third-party tools or custom programming.

Integration with IBM Content Manager—enables launching a process using FileNet BPM offerings when content is created or modified in IBM Content Manager, and allows BPM processes to perform operations on content in Content Manager.

Support for standards—helps with process standards such as Business Process Modeling Notation (BPMN) and XPD L via FileNet Business Process Manager 4.5; also helps protect investments by integrating with other infrastructures using industry standards including Java™ Platform, Enterprise Edition (Java EE), Web services and XML.

Business process framework (BPF)—provides a framework for rapid development and deployment of case-based applications; supports case operations such as case split and merge, and complex task management; and provides a role-based, customizable user experience.

Support for forms—fully integrated with IBM FileNet eForms software as a component of the FileNet BPM family of products, allows you to create smart, high-fidelity electronic forms for human activities in processes.

Business activity monitoring—provides realtime visibility and actionable insight, through role-based dashboards, into the execution of business processes and overall organizational performance as measured using various metrics. Enables business managers to have their own customized dashboards, receive alerts, and automatically or manually initiate action or workflows to remedy a problem.

SOA support and Web services integration—facilitates easy process integration via Web services using FileNet BPM offerings; enables

processes to consume Web services and be published as Web services, allowing easy integration into a service-oriented architecture (SOA).

Business rules integration—integrates with industry-leading business rules management systems (BRMS) such as the ILOG JRules system; simplifies processes and makes them more flexible and intelligent by centrally managing the business rules in processes.

Platform

- **Operating systems:** IBM AIX®, Microsoft Windows®, HP Integrity,* Sun Solaris, HP-UX, Red Hat Linux®† and Novell SUSE Linux† platforms
- **Databases:** IBM DB2®, Microsoft SQL Server and Oracle DB2 databases
- **Security services:** IBM Tivoli® Access Manager, IBM Tivoli Directory Server, CA eTrust SiteMinder, Microsoft Active Directory, Novell eDirectory, Sun Java System Directory Server and Kerberos services
- **Java EE application server:** IBM WebSphere® Application Server software included

* Supported in early 2009

† Supported by users at the application programming interface (API) level



FileNet Business Process Manager 4.5 components included in base product

- *FileNet Process Engine*
- *FileNet Process Designer*
- *FileNet Process Analyzer*
- *FileNet Process Simulator*
- *FileNet Workplace Portal*
- *IBM Mashup Center*
- *IBM Enterprise Content Management Widgets*
- *IBM FileNet Content Manager*

Add-on products for FileNet Business Process Manager 4.5

- *FileNet Business Process Framework*
- *FileNet Business Activity Monitor*
- *FileNet Connector for Microsoft Visio*
- *FileNet eForms for FileNet P8*

FileNet Content Manager core capabilities

- *Classification*
- *Publishing*
- *Browse and search*
- *Document review and approval*
- *Event and subscription model*
- *Life-cycle management*

Why IBM?

IBM is a recognized leader in content-centric BPM offerings. Hundreds of companies and government agencies have successfully leveraged FileNet BPM products to automate, streamline and optimize their business processes to deal with content and people, support millions of transactions and thousands of users, and realize significant return on their investments. FileNet BPM products are an integral part of ECM offerings from IBM that helps bring content, process and compliance solutions together.

For more information

To learn more about IBM FileNet Business Process Manager 4.5 and IBM FileNet BPM products, contact your IBM representative or IBM Business Partner, or visit:

ibm.com/software/ecm

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