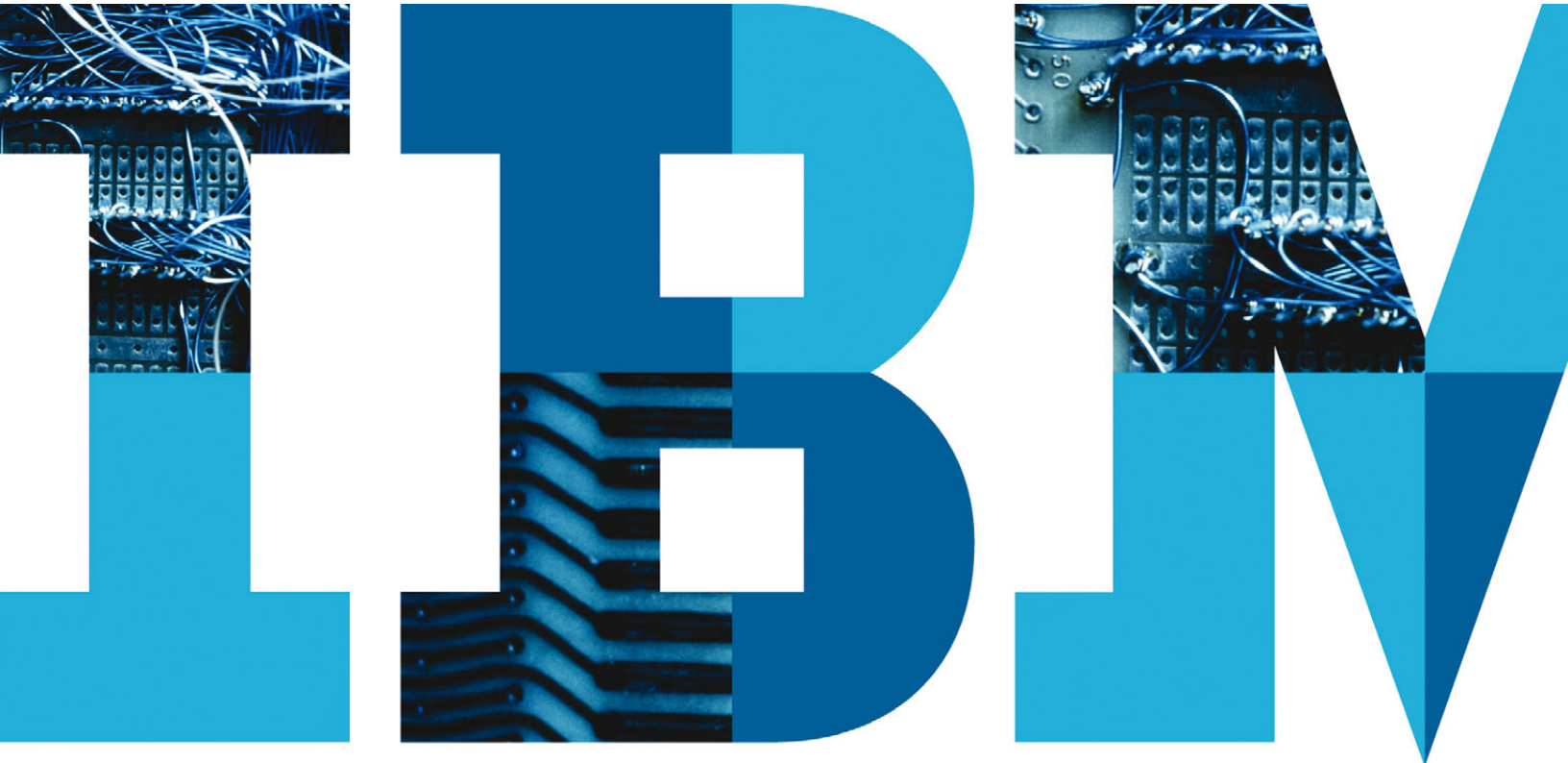


IBM Business Process Manager

*A single, comprehensive BPM platform that easily scales
from project to enterprise-wide programs*



Growing demands are changing business needs

Business and IT needs are converging and driving organizations to focus anew on the business processes and supporting technologies that guide business execution. Organizations must be agile, adaptable and able to manage processes that span their disparate systems. Traditional business models have also changed. Today's business isn't a single entity; it's a network of relationships between employees, functions, customers, suppliers and partners. These external connections are just as important as the ones inside the business and, in fact, are becoming more important. As more functions move "beyond the walls," the distinction between external and internal members of the business network begins to disappear and organizations must look to maximize the value of interactions throughout their networks.

Even more challenging is the fact that this broad business network is anything but static. External relationships are constantly changing as companies collaborate, compete and change policies and business models. The pervasive flux throughout the dynamic business network makes it difficult to effectively manage and optimize business processes.

This new reality—along with increasing process complexity, rising costs and the need to comply with industry and internal regulations—is driving interest in technologies and requires a business process management (BPM) platform that can scale to meet the growing business process and application management demands of the entire business, from an initial project to an enterprise-wide process improvement program.

IBM Business Process Manager—a single, scalable BPM platform

IBM has made the BPM journey substantially easier for organizations with IBM Business Process Manager—the process improvement solution that combines market-leading

human-centric and integration-centric capabilities into a single, comprehensive platform. IBM Business Process Manager is a comprehensive and consumable BPM platform that provides complete visibility and management of an organization's business processes. It provides a common software platform for process improvement and BPM lifecycle governance, it offers the power and robustness required for mission-critical enterprise solutions, and it combines the simplicity and ease of use required for deeper business engagement. Built-in visibility and analytics capabilities are designed to help organizations improve and optimize their business processes.

Offering a complete set of advanced BPM capabilities and providing an integrated, scalable platform for every aspect of business process automation and improvement, IBM Business Process Manager features market-leading capabilities for:

- *Full business-user participation, through simplified, easy-to-use tooling.*
- *Increased business and IT collaboration, enabled by a unified, model-driven environment.*
- *Efficient and effective user-task management, through dynamic, "smart" user interfaces (UI).*
- *High-integrity orchestration and integration, achieved through built-in service-oriented architecture (SOA) components.*
- *Fine-grained process visibility, enabled by built-in monitoring and analytics.*
- *High scalability and availability, delivered through the embedded IBM® WebSphere® Application Server.*
- *Complete BPM lifecycle governance, enabled by a unified BPM asset repository and control center.*

IBM Business Process Manager V7.5

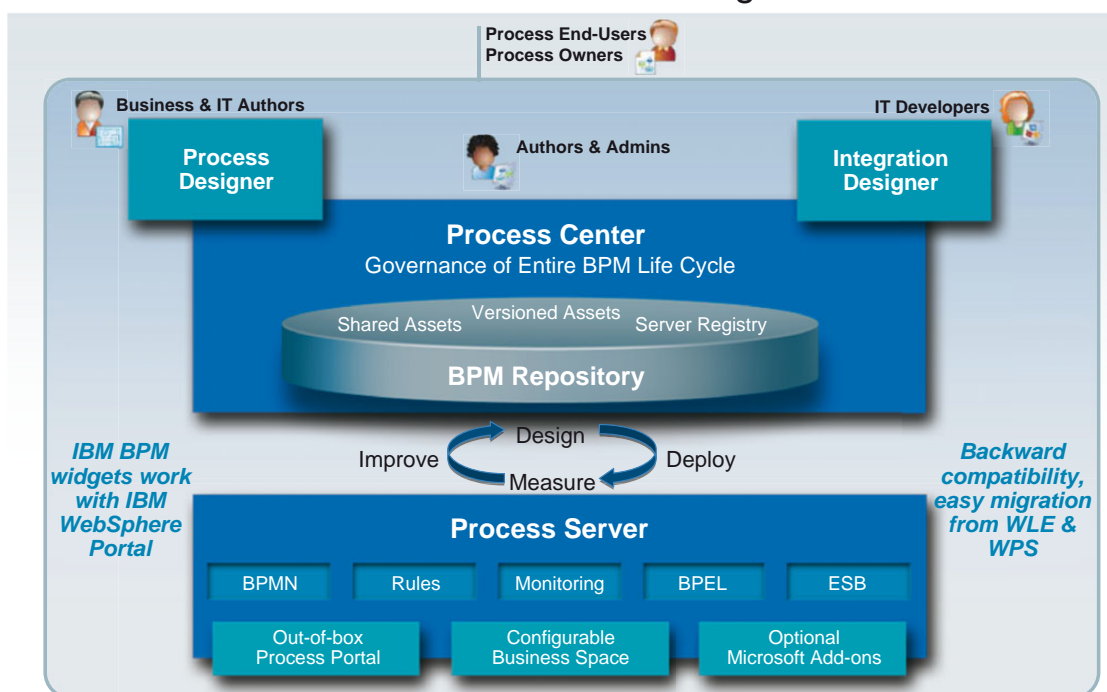


Figure 1: IBM Business Process Manager V7.5

The benefits of deploying IBM Business Process Manager are numerous. IBM Business Process Manager scales smoothly and easily from an initial project to enterprise-wide program, and is easy to deploy and use straight out of the box or in an easily customizable configuration—providing rapid time to value and improved user productivity. This BPM platform is well-suited to both SOA and non-SOA environments, and provides total visibility and management of your business applications and includes tooling and runtime components to model, assemble, deliver and manage your business processes. Its highly integrated functionality provides new levels of interoperability among other IBM offerings. Also important, IBM Business Process Manager

helps companies to achieve full BPM governance of processes and shared services, while enabling deployment and change-management capabilities that span each process's entire life cycle.

IBM's single BPM platform provides simplified installation and configuration, a Process Center as common point of control through a unified programming model and combined process and integration authoring tools to build and deploy a solution.

IBM Business Process Manager provides a flexible, central UI for performing tasks, managing work items, tracking performance and responding to events—all in real time—and provides a single federated view of tasks. It takes advantage of mash-up capabilities for a more sophisticated, customized UI experience. Furthermore, IBM Business Process Manager is backward compatible with the latest versions of WebSphere Lombardi Edition (WLE), WebSphere Process Server (WPS) and WebSphere Integration Developer (WID), providing easy migration of an organization’s existing IBM BPM applications and protection of your previous investments in IBM BPM solutions.

Innovations for process improvement “at scale”

IBM Business Process Manager consolidates key innovations for enabling large-scale process improvement programs. For example:

- The Process Center brings together all of your Business Process Modeling Notation (BPMN) and Business Process Execution Language (BPEL) process components into a common design environment and asset repository. Thousands of process components can be organized, shared and found easily with auto-tagging and “smart folders”—no more searching through unwieldy folder hierarchies. Versioning can be accomplished with a single click. And the Process Center acts as a single, central command center for managing process deployments throughout all of your runtime environments—essential for program-wide governance.
- A built-in Performance Data Warehouse provides automatic monitoring of process applications. Process status maps, dashboards and service level agreement (SLA) alerts proactively show users and managers process activity in real time, with user controls to alter task routing, deadlines and priorities, as needed.
- A Process Optimizer is integrated into the design environment. “Heat maps” are superimposed directly onto process models, so you can visualize process bottlenecks, rework or exceptions. Click on any highlighted process component to drill down to underlying audit trails to find and fix root causes.

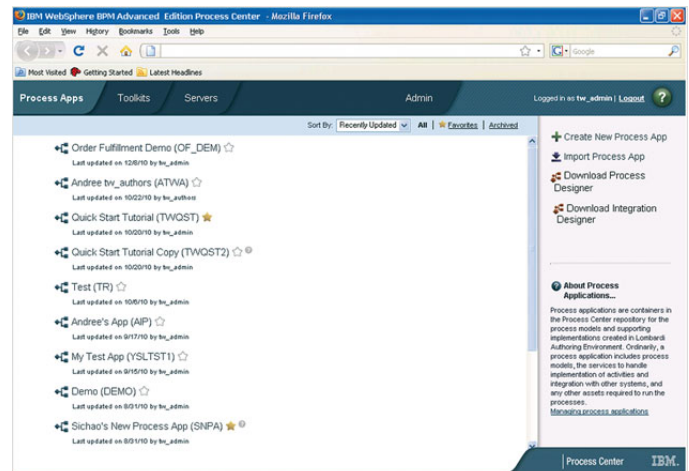


Figure 2: IBM Process Center—provides a scalable central repository and control center for organizing and managing all process artifacts, applications and services that are created as part of a BPM program.

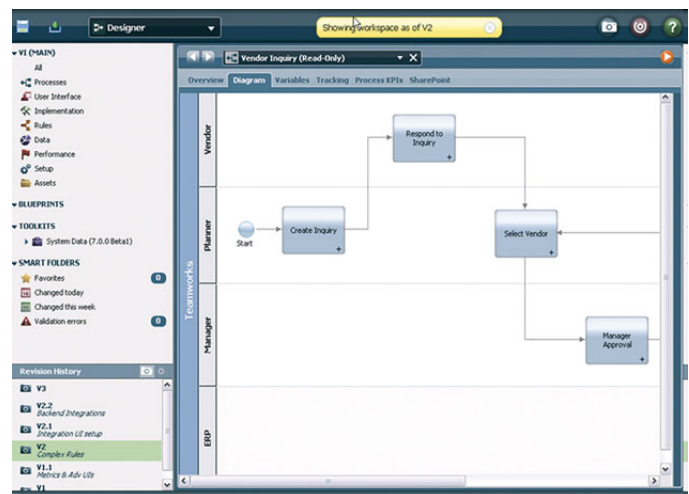


Figure 3: IBM Process Designer—standards-based process design tool that is part of the basic authoring environment for all of the configurations and enables rapid composition and continuous process change.

IBM Business Process Manager—product highlights

- Provides complete visibility to all process participants, enabling continuous process improvement and optimization
 - Increases efficiency with a federated view for performing tasks, managing work items, tracking performance and responding to events—all in real time
 - Empowers knowledge workers with real-time analytics to optimize business processes
 - Enhances time to value through business-user-focused design capabilities, including process coaching to guide users easily through the steps of a process
 - Enables process designers to confidently manage change with a unified model-driven environment that provides everybody with visibility of the same process version
 - Designed to scale from first projects to enterprise-wide solutions with processes that execute consistently, reliably, securely and with transactional integrity
 - Flexibly connects enterprise applications and services with a built-in enterprise service bus (ESB) connectivity infrastructure
 - Delivers full compatibility with the latest versions of WPS, WID and WLE
 - Installs simply—gets you up and running with minimal time and effort
-

One offering, three configurations

IBM's clients have demonstrated that there exists a full spectrum of BPM engagement—from an installed base of current IBM BPM users to those just getting started on their BPM journey. IBM Business Process Manager is designed to meet all of these various needs, providing a single BPM platform with multiple configurations to match the typical entry points or stages in a company's BPM maturation.

There are three configurations of IBM Business Process Manager available to match an organization's desired entry point:

IBM Business Process Manager Advanced—complete set of advanced BPM capabilities

- Includes the BPM capabilities of IBM Business Process Manager Standard
- Extended support for high-volume process automation, with high quality of service
- Built-in flexible SOA connectivity infrastructure for extensive enterprise-wide service integration and orchestration
- Business Space UI framework for creating an integrated and customized user experience
- Federated view for performing tasks, managing work items, tracking performance and responding to events—all in real time
- Integration Design tooling for visually constructing services, data transformations, BPEL orchestrations and integration to applications and back-end systems
- Comprehensive set of adapters to service-enable your assets, including packaged, custom and heritage applications, technology protocols and databases
- Fully compatible with the latest versions of WPS

IBM Business Process Manager Standard—configured for typical BPM projects

- For multiproject improvement programs, with high business involvement
- Focus on improved workflow, productivity
- Highly collaborative process development using direct playback of BPMN
- Includes basic system integration support
- Rapid time to value
- Fully compatible with the latest versions of WLE

IBM Business Process Manager Express—configured for first BPM project

- For small numbers of users—single server, no clustering
- Installs in just six clicks
- Includes all the capabilities in Standard, but configured for an initial small project

Collaborative authoring environment for rapid composition and continuous change

The Process Center is a scalable central repository and control center for organizing and managing all process artifacts, applications and services that are created as part of a BPM solution.

It is the foundation of the collaborative authoring environment that enables a single view of the process from creation to deployment—providing an integrated design-time experience spanning all roles, and asset sharing and versioning from a single repository. The Process Designer empowers business authors to build fully executable BPMN processes that include rich UI for human interaction, and encourages collaboration with IT developers when necessary to add services and enterprise integration aspects. The Integration Designer enables IT developers to develop services that easily plug into processes to provide powerful integration and routing logic, data transformation and straight-through BPEL subprocesses. The platform's simple, out-of-the-box task management interface provides users with a single federated view of BPMN- and BPEL-based process tasks, and also provides a sophisticated UI customization capability.

Why migrate to IBM Business Process Manager?

In addition to offering WLE and WPS users a comprehensive BPM platform, powerful integration and orchestration capabilities, a unified BPM asset repository and a richer, unified UI experience, migrating to IBM Business Process Manager provides other valuable capabilities. For WLE users, migrating to IBM Business Process Manager adds powerful enterprise

integration and orchestration facilities to an organization's BPM environment and richer, unified UI for author and end-user interactions. For WPS users, migrating to IBM Business Process Manager adds direct process-model execution to support immediate “playbacks” during development, helpful “process coaches” that guide end users through tasks, and a centralized control center for deployment management and governance.

All three IBM Business Process Manager configurations are fully compatible with the latest versions of WPS and WLE, providing investment protection for existing IBM BPM users.

Migration and entitlements

IBM Business Process Manager makes it easy for existing IBM BPM users to move to this platform and exploit its new capabilities. Organizations that are currently using the WLE, WPS and WebSphere Dynamic Process Edition (WDPE) BPM solutions are entitled to equivalent capabilities in IBM Business Process Manager. (Contact IBM for details about your specific migration entitlements.) When ready, migration tools can assist in moving existing applications—and even in-flight processes—to the IBM Business Process Manager platform.

Later, if an organization wants to enhance the capability of their migrated process applications, they can tap into additional components that are already present in the platform, without the need for “do it yourself” integration work. Note that some expansion may require additional licensing.

Organizations that use WebSphere Business Modeler for design, simulation and analysis can transfer BPMN models from WebSphere Business Modeler to the new platform's Process Designer, or transfer BPEL models to the Integration Designer. In either case, additional implementation details can be added to make the models executable on the unified IBM Business Process Manager run time.

Expert assistance available

IBM provides a turnkey consulting service to help your organization successfully migrate to IBM Business Process Manager. This service performs assessment, planning and execution of the upgrade for all environments (that is: development, testing and production), and includes importing of design-time assets and migration of in-flight (runtime) process instances.

Why IBM for BPM

Only IBM has the winning combination of market-leading products, industry accelerators and best practices, and the expertise and service professionals to ensure success with a BPM project. IBM services can take full advantage of best practices and prescriptive approaches to realize fast value, foster BPM adoption and create transformational impact. IBM Business Process Manager especially excels in integrating role-based design-time experience, while enabling asset sharing and versioning, by way of its unified repository—allowing you to manage changes to your business with confidence.

IBM Business Process Manager is available on a wide range of platforms and takes full advantage of the capabilities of WebSphere ESB. It includes, in a limited license, IBM's market-leading business-to-business (B2B) gateway (WebSphere Partner Gateway), and it supports the latest industry standards.

IBM's integrated BPM solution—IBM Business Process Manager—is superior to the offerings of our competitors. We strongly advise organizations to beware the stack vendors that have acquired complex suites of tools that are unproven and not

well integrated; to be cautious of vendors that “unify” their suites, but provide no upgrade paths for customers on previous versions; and to be wary of vendors that have built their BPM platforms on top of repurposed rules engines or other heritage components. These solutions can be complex, requiring highly skilled and costly consultants to deliver and maintain.

Organizations are seeking ways to drive measured growth, while meeting rising customer expectations. At the same time, IT departments require the ability to deliver greater flexibility to the business, while managing costs. These needs are converging and pushing organizations toward a process inflection point that is driving interest in BPM solutions, and IBM Business Process Manager is the industry's most-trusted solution.

Buy IBM BPM with confidence

Coupled with the IBM Business Process Manager software is a dedicated professional services team to help accelerate and ensure success. The IBM BPM Services practice combines expertise across several disciplines—products, industry, process and decision management—bringing together best practices from thousands of engagements to help you adopt BPM in your journey from project to transformation. IBM offers a “Quick Win Pilot for Business Process Management” that drives rapid results in a short duration so that you can quickly establish a reference solution within your organization. The quick-win pilot offers you confidence and affordability and jump-starts your enablement. This is a prescriptive and proven offering—start here!

For more information

To learn more about IBM Business Process Manager, please contact your IBM marketing representative or IBM Business Partner, or visit the following website: ibm.com/bpm

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