

Explore the power of IBM Business Process Manager Advanced

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The business case for rapid BPM adoption

The business world is undergoing its own version of a “global climate change.” Customers, employees and partners expect more and more from business organizations and leaders, and this dynamic pace of change seems to be unceasing. Keeping pace with change is necessary to remain competitive—and setting the pace of change could well become your company’s biggest competitive advantage.

IT leaders and business leaders alike are turning to business process management (BPM) for its ability to drive adaptability and business transformation, and are embracing *change* as an *opportunity* rather than a *challenge*. At board tables and CIO offices throughout the world, BPM is often proposed as the engine of agility; the power of the business process management discipline can transform the way people work, and business leaders are reaping its benefits in the form of affordable innovation and rapid growth.

Your “business-side” teams are clear about what they want: Better results, for less time and money. In this environment, IT teams are increasingly challenged to deliver solutions that will “stand the test of time.” Leaders are turning to business process management software (BPMS) because, when executed well, BPMS makes it possible for IT to focus on strategic, value-adding activities. It empowers your organization’s line-of-business teams with more control and at the same time gives your IT team the reassurance that business changes are managed in a more-secure manner.



What you can expect from IBM BPM software

With IBM Business Process Manager the goal is simple: Package the power that your IT teams need with the simplicity that your line-of-business teams require. This approach helps people throughout your organization keep up with change. With IBM Business Process Manager, expect a single, wide-ranging solution that helps your entire organization meet the demands of customers and markets. IBM Business Process Manager accomplishes this through four interdependent qualities:

Simplicity. You can improve productivity and time-to-value to the fullest extent only if the BPM software you employ is adopted easily “at scale.” Handling sophistication with simplicity is crucial. Adoption of IBM Business Process Manager software enables business and IT stakeholders to start rapidly and participate fully, collaborating throughout the various levels of your organization. This is “grass roots” business transformation; IBM demonstrates significant innovations in this area, internally and through acquisition of companies such as Lombardi Software®.

IBM Business Process Manager

Embrace complexity, adapt quickly and exceed expectations with a simpler solution to a complex problem

Simplicity

Simpler modeling employs standard BPMN and is easier to use
Fast “playback” encourages rapid collaboration
Process-rule editor uses ILOG language

Power

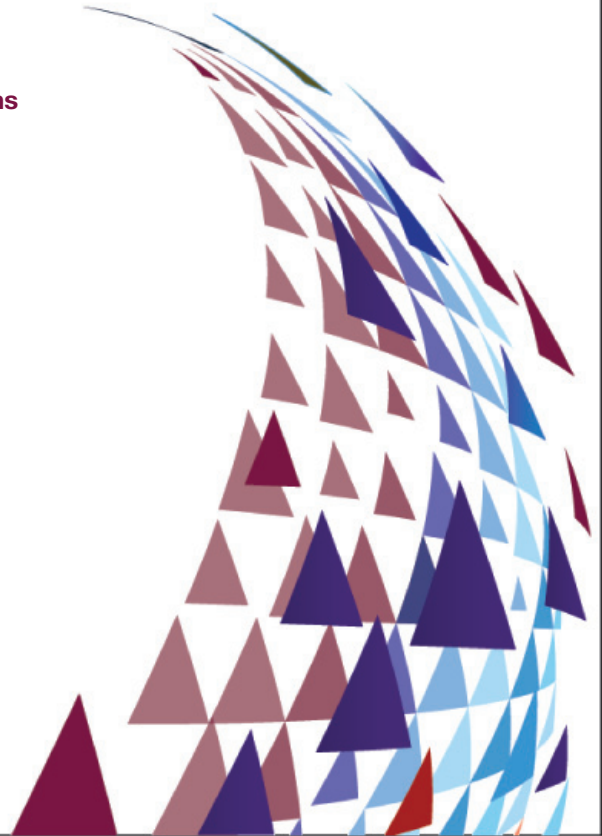
BPEL orchestration, the industry standard
Built-in ESB and integration adapters
Transaction support

Visibility

Near-real-time process “scoreboards”
“Heat maps” reveal blockages in process model
Near-real-time reports delivered within process “coaches”

Governance

A single repository of all process assets
Tool kits help teams to share assets
Simpler, one-click snapshot versioning
Centralized, one-click deployment control center



Power. You can achieve full value from BPM software only if you can scale from a single project to an enterprise-wide program. With IBM, your teams gain access to performance with high levels of data and process integrity, so you can scale with confidence. With recognized performance in the area of process orchestration and transaction integrity, BPM software from IBM is built upon a solid foundation of service-oriented architecture (SOA) capabilities.

Governance. You can reach the highest levels of efficiencies only when information and processes are dependable. The IBM approach is designed to help your BPM software and data repository act as the “single source of truth” concerning the processes that are currently live and driving your operations. With IBM, you can expect simplified sharing and versioning of thousands of assets, whether they are authored by IT or business. Organizational leaders appreciate the fact that this approach gives control to the business side, without compromising the operational integrity that is a critical responsibility of IT.

Visibility. You can fully focus organizational energy on innovation and growth only when BPM delivers meaningful insight into day-to-day business operations. The BPM software offered by IBM provides you with monitoring tools and dashboards that help you gain an unprecedented level of process visibility. With IBM, you can expect to use fresh, real-time insight to drive better business outcomes, even for processes that are “in-flight.”

IBM Business Process Manager

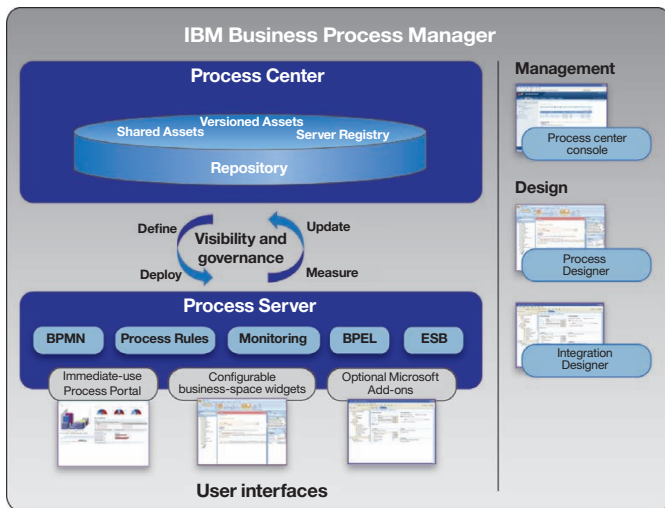
IBM Business Process Manager combines the simplicity and ease of use of IBM® WebSphere® Lombardi Software Edition with the scalability and transactional integrity of IBM WebSphere Process Server.

IBM Business Process Manager V7.5 is a consumable, wide-ranging BPM platform. Specifically designed to help process owners and business users engage directly in the improvement of their business processes, this platform empowers your teams with visibility and management over your most critical processes. IBM Business Process Manager provides a highly integrated model-driven environment that fosters greater collaboration between business and IT teams.

This IBM solution is designed to meet your full range of BPM needs, whether you have an installed base of current BPM users or are just getting started. Toward this end, IBM Business Process Manager offers three configurations to match your organization’s desired entry point: IBM Business Process Manager Express, IBM Business Process Manager Standard and IBM Business Process Manager Advanced. Scale smoothly from initial project to enterprise-wide program with this single BPM platform with multiple configurations. Business Process Manager can be used immediately upon receipt or as a customizable configuration. Expect quick return on investment and significantly improved user productivity.

IBM Business Process Manager Advanced: Solution components

IBM Business Process Manager Advanced is designed for business and IT leaders who want to work collaboratively to transform their organization. These leaders seek a complete set of advanced BPM capabilities, including extended support for high-volume process automation, and they seek unsurpassed quality of service.



The components of IBM Business Process Manager Advanced

IBM Process Server

IBM Process Server is the unified runtime system for IBM BPM. IBM Process Server includes the core engines for Business Process Model and Notation (BPMN)-based process model execution, process rule evaluation, user integrations using web-based “process coaches” and basic system integrations. A built-in performance data warehouse is also included for fine-grained visualization and optimization of process performance. Fully compatible with the latest versions of WebSphere Lombardi Edition, IBM Process Server Advanced includes advanced integration capabilities, including a business process execution language (BPEL) orchestration engine, an integrated Enterprise Service Bus (ESB) and various system adapters, all of which are fully compatible with the latest releases of IBM WebSphere Process Server.

IBM Process Center

Your asset repository is crucial when you wish to “roll out” BPM at scale while minimizing—if not eliminating—rework. The performance of your repository can help you take advantage of the best practices that are employed by other areas of your organization. With IBM Process Center, your asset repository can act as “the single source of truth” for the business processes and IT services that are alive within your organization. IBM is an industry leader in the creation of such repositories; IBM Process Center performance provides the more-comprehensive “end-to-end” governance you need to change processes and scale them in a confident manner.

IBM Process Designer

This BPMN-based design tool is a fundamental part of the process-authoring experience. Make rapid composition and continuous process change not just possible, but part of your organization’s culture. The simple and intuitive interface helps business and IT users to collaborate on the documentation of existing processes, then helps them to analyze the processes by conducting simulation and optimization sessions—and then helps them improve the processes. With IBM Process Designer, you are just a few clicks away from realizing the power of adopting BPM in your organization.

IBM Integration Designer

Visually construct services, data transformations and processes using the latest standards such Business Process Execution Language (BPEL). Integrate seamlessly with existing applications and back-end systems. Leverage the broad set of adapters to “service-enable” your assets—assets that may include databases and packaged, custom and existing applications. Once you unit-test your IT assets, you can publish them to the IBM Process Center; this makes your assets available for reuse in the various process improvement efforts throughout your organization.

IBM Business Process Manager Advanced packages a broad set of advanced BPM capabilities.

Encourage business involvement. Support high-volume process automation. Take action to achieve a high level of service quality.

How IBM Business Process Manager Advanced helps foster success

The BPM offering from IBM has evolved apace with the technology industry as a whole. As a greater number of business users demand to become active participants in process improvement initiatives, IBM software and consulting teams built the set of capabilities that can help line-of-business executives achieve long-term, sustainable success with BPM.

Integrated authoring tools facilitate a single unified view into existing operations, which helps your team to better manage entire BPM applications. Process and integration designers can view and update application assets in tandem through the IBM Process Center; this virtually eliminates the risk that business and IT assets could get “out-of-synch.”

Advanced integration services can be built more quickly and easily with IBM to expose back-end data or services to your processes. This helps users to gain real-time access to mission-critical information. Save time and increase efficiency with software simplicity that lets you drag-and-drop service tasks implemented as Advanced Integration Services (AIS) into the Business Process Diagram (BPD) for a BPM application. Quickly define AIS inputs and outputs, implement AIS in IBM Integration Designer and publish. You can then “play back” the completed process application.

BPDs can be used for business-exception handling in BPEL. The IBM Business Process Manager Advanced platform includes “coaches” for user-interface screen flows. You can use BPD on a business exception path of a “straight-through” BPEL process, then publish and test your process application.

Rapid business transformation becomes a reality with IBM Business Process Manager Advanced. Your business and IT stakeholders can more easily collaborate in order to deliver business value.

Projects no longer take nine months to complete; with this IBM solution, you can expect to get a simple process “up and running” in as few as 90 days.

Facilitate collaboration within the context of your business.

Using the IBM Process Center repository as a foundation, IT developers and business authors can work together more easily than ever. Using playback sessions, stakeholders evolve a common understanding of process definition and requirements while they work together to implement the required services incrementally. When shared models are visible to business users and IT users, change is simpler—and you need not compromise the integrity of your operations.

With “tool kits” of consumable services, business authors are now empowered to reuse IT assets by simply dragging and dropping them at the point in the process where they’ve identified a gap or an area for improvement. Subsequently, the business authors can choose to “up-level” when appropriate to the latest tool kit, thus taking action to ensure that the processes they own are leveraging the most-efficient IT assets.

Advanced integration capabilities give you access to an enterprise-class BPEL engine that provides an optimization path for existing “straight-through” sub-processes. You can import existing BPEL models as part of the total process orchestration. Save time by employing IBM Integration Designer as a visual design tool for complex integrations.

Built-in Enterprise Service Bus (ESB) provides strong support for service mediation and hosting. ESB connectors give you broad access to a variety of application environments using standard XML and web service interfaces.

Federated task management gives you access to a single view of the wide range of your team’s tasks. Take action to ensure that work items do not “get lost” and that the best process participant is working on the best thing at the best time.

Get started quickly with a business space portal that is built on IBM Lotus® Mashups technology. Help your users to view and customize your mission-critical dashboards in a rapid and straightforward manner. The widget-to-widget communication facilitates discovery of the proper information you need for real-time decision making, and custom “skins” help you to customize the manner in which information is presented to your workforce.

Features and benefits of IBM Process Manager Advanced

Feature	Business benefit
A richer, unified user interface experience	Rapid engagement from authors and business users.
An enterprise-class BPEL engine	Strong support for business transactions through the extension of the web services interaction model. Achieve business-critical quality of service.
Process Center offers the ability to re-use and better govern your processes	Increased productivity throughout your organization.
New chart technology and fully supported REST API for custom user interface	Deeper business engagement. Build upon the simplicity and ease-of-use that engender rapid adoption.
Integrated ESB as part of IBM WebSphere Process Server integration	Powerful integration and orchestration capabilities that are required for successful enterprise solutions.
Federated task management throughout BPM and BPEL engines	Increases in efficiency. Gain the ability to respond to events as they are occurring.
A unified BPM asset repository	Easier sharing, access control and version control.
Integration design tooling	Time is saved with visual construction of services and complex data transformations. Expect strong connectivity tooling.
Advanced integration services	Faster, more agile integration with applications and backend systems that are used in collaboration with the IBM process design tool.
Business-space portal	Real-time decision making is fostered as you engage your teams rapidly.
Centralization of a wide range of assets in IBM Business Process Manager	Cost is reduced and productivity is increased.

The power of Business Process Manager Advanced

IBM Business Process Manager Advanced provides a broad BPM solution for enterprise-wide process needs. If you seek a powerfully simple BPM solution, then explore Business Process Manager Advanced. Discover BPM that is powerful enough to meet your organizational goals and simpler for line-of-business colleagues to master.

Handle your process needs at a high performance level. Scale with confidence to transform your organization for success. With a broad range of advanced BPM capabilities and extended support for high-volume process automation, you can take action to increase productivity, reduce costs and better predict your next business move. With Business Process Manager Advanced, you can expect a high quality of service and a built-in, flexible SOA connectivity infrastructure for extensive enterprise-wide service integration. IBM customers enjoy a federated view for performing tasks, managing work items, tracking performance and responding to events—all in near-real time.

Business Process Manager Advanced on IBM z/OS

IBM Business Process Manager Advanced software is designed to deliver what IT and business leaders need today: Power and simplicity in an integrated solution. IBM System z® users are now able to reap the benefits of this advanced approach to business process management.

The benefits to your enterprise reveal themselves rapidly with Business Process Manager Advanced on IBM z/OS®.

- Experience high-velocity process efficiencies with a huge reduction in manual work and fewer errors.
 - Handle business rules in a remarkably agile manner.
 - Support faster, more-consistent resolution of issues.
 - Achieve application optimization that is dramatically accelerated.
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Thousands of organizations trust System z to run their core business. With Business Process Manager Advanced on IBM z/OS, you gain the ability to reuse and derive value from your System z assets, including IBM CICS® and IBM IMS™. Expect high levels of availability, reliability, scalability and performance with an integration platform that unleashes the full power of IBM Business Process Manager Advanced for application modernization.

Strengthen support for your mission-critical applications and processes. With Business Process Manager Advanced on IBM z/OS, you get stronger performance and robust scalability. Expect co-location and an improved cost-performance advantage.

Modernize your approach to business agility. With Business Process Manager Advanced on IBM z/OS, you possess an integration platform that delivers system level awareness throughout the software stack, which is a powerful way to accelerate business agility in the real world. Extend business applications to meet new market opportunities; this approach helps you make the most of your investment in System z and IBM zEnterprise™.

Unify for business success. With Business Process Manager Advanced on IBM z/OS, you can expect improved alignment between IT and line-of-business teams. Strengthen collaboration, governance and lifecycle management with seamless deployment throughout your distributed and zEnterprise platforms. Take action to share and re-use process, rule and event assets.

BPM on System z: Apply, simplify and unify

Business and IT leaders who use Business Process Manager Advanced on IBM z/OS appreciate the solution for specific reasons. It becomes easier to apply technology throughout the organization, since this resilient IBM solution employs strong workload management functions and a self-optimizing middleware platform. Co-location with key applications and processes and a core runtime environment provided by IBM WebSphere Application Server are of interest to leaders who embrace the goal of business agility. This IBM solution offers core systems security that encompasses assets including CICS, IMS, IBM DB2® and IBM WebSphere MQSeries® message queue software.



Leaders appreciate a solution that helps simplify a complex environment. With Business Process Manager Advanced on IBM z/OS, your teams manage process complexity through high-performance process automation and dynamic response functions. Utilization rates improve significantly. You gain control of complexity by streamlining business applications for efficiency, and simplify operations through a single viewpoint that centralizes process assets.

It is important to unify your BPM efforts, and IBM z/OS performance is particularly valued in this area. Enterprise process services are shared and reusable. Memory through WOLA provides high-speed cross-memory communications, and the alignment between IT and line-of-business teams is strengthened with unified management of collaboration, governance and process lifecycle. Process deployment is more easily achieved throughout distributed and zEnterprise platforms.

Next steps

Take action to foster adaptability and transformation, even when budgets are restricted. Compare this IBM offering to those of other service providers. Look for technology that delivers meaningful insight about your unique organization. Demand demonstrations of industry experience and proven breadth of expertise.

Every day, IBM helps companies like yours transform. Start today by conducting a trial or scheduling a one-day modernization workshop.

For more information

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

Additionally, IBM Global Financing can help you acquire the IT solutions that your business needs in the most cost-effective and strategic way possible. We'll partner with credit-qualified clients to customize an IT financing solution to suit your business goals, enable effective cash management, and improve your total cost of ownership. IBM Global Financing is your smartest choice to fund critical IT investments and propel your business forward. For more information, visit: ibm.com/financing

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