



Business Process Automation

An Alpha Information Systems India Pvt. Ltd. Perspective

Need help energizing your enterprise computing needs?
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E-mail: info@alpha.net
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BUSINESS PROCESS AUTOMATION

The speed of doing business today is growing exponentially. So is the demand for shrinking response times in information processing, workflow engines and lines-of-business systems within an enterprise. Consequently organizations are generating incredible amounts of information round the clock, round the year. They are continuously engaged in the creation, management and sharing a wide variety of data in a wide variety of forms, structures, formats and documents. Yet vast percentages of this data remains unstructured - databases, files, records, archives, statistics - out of reach of proper capability to deliver meaning for business efficiency or advantage.

BPA represents the efficient management of structured and unstructured data in an integrated fashion, helping organizations to better manage and deploy information for operational productivity.

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BUSINESS PROCESS AUTOMATION (BPA)

BPA delivers a new paradigm for enterprise computing. It helps them adapt work (information) flow processes to new requirement and challenges, without affecting the crucial business transactions. What the philosophy behind BPA posits is never-before integration of business processes, transcending inefficiencies of custom-built, stand-alone systems and resources languishing in many organizations today. It propagates more cohesion between the bewildering variety of platforms, technologies and applications, strives to unlock vital data and releases it to efficient workflow engines and services for better processability.

The bywords are integration and automation, and the idea is 'information in motion'.

Business Process Automation allows businesses to leverage web technologies to better enable processes and exchange of information. Business processes that benefit from web automation include both internal and external parties. By automating repetitive, monotonous and time-consuming tasks, business process automation allows organizations to release their workforce from information management to focus on their core competencies. Two crucial benefits are also captured, apart from those listed below – better accountability and higher employee satisfaction – since BPA reduces their administrative tedium greatly.

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BENEFITS

Process Management

- Reduced Time, reduced cost through automated workflow
- Reduced lag time for data through put
- Improved information availability and deployment for sharing

Operational Improvement

- Enhanced data access and analysis to better manage business
- Enhanced employee control of business process steps
- Improved operational overview round the clock
- Better capture of bottlenecks and glitches – proactive resolution of problems
- Better response times to challenges in business and work

Innovation

- Advanced analytics for strategic and tactical metrics in business progress
- Enhanced capability to innovate over existing platforms of work
- Improved time to market

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BPA PERSPECTIVE

Key perspective: Most critical business processes (a) depend on content, (b) require the interaction of multiple people and organizations, and (c) must be executed quickly and accurately.

The key to BPA vision is a complete, integrated platform for enterprise technologies, including high quality desktop productivity applications, seamless integration with enterprise servers, and interoperability with heterogeneous platforms, as well as support for XML and other industry standard and Internet technologies. In effect, all this contributes to protecting intellectual assets from decay, adding to an organization's overall intelligence and providing increased flexibility.

CHOOSING BPA SERVICES

With time and budget concerns in mind, companies will often opt to purchase popular BPA engines as they typically shorten development and deployment cycles. These will entail internal management and administration problems in the long term. Otherwise there is strong expertise from development firms offering high quality custom solutions and services to suit more flexible needs. In all these options, enterprise decision-makers need to look for

Reliability and scalability Workflow automation must reliably manage multiple processes and process instances. The run-time environment should have features like message replication, load balancing, logging, and alerting, providing optimal throughput and accountability.

Automation and Integration this intermeshes efficiently the myriad internal business processes automated through packaged applications into larger business processes. The solution must handle long-lived processes that span multiple systems and people, including integration products and technologies from vendors.

Optimization and change management this helps organizations to manage processes through out their cycle and gain visibility into their performance, identifying bottlenecks and improvement opportunities. The solutions must provide features such as simulation to test changes, change management tools to identify and provide options for handling in-process instances that will be affected.

Design repository and collaboration the solution must deliver impressive collaboration and repository features so that leaders can share and promote best practices to their employees. They should provide process-model versioning, check-in/check-out, and indexing tools for designing, storing, and retrieving process definitions.

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CURRENT TRENDS

Web Services

Web services are gaining great popularity as they provide exciting connectivity between contrasting applications and unrelated platforms. In conjunction with XML, Web services allow applications to share information across technologies delivering real time information to employees without geographic or time limitations, covering entire gamut's of related and unrelated business systems.

Via a Web service, the information can be accessed and presented automatically and dynamically in the workflow solution. The end-users become more efficient as their time is now spent on completing tasks rather than looking for information. In essence, Web services allow developers to build workflow with a common language, platform and protocol. Coupled with .NET, this gives a workflow solution the ability to:

- Manage the process itself, which in turn manages people, relationships and what they do
- Deal with various applications on disparate platforms
- Provide the end-user with dynamic data updates

.Net Framework

Microsoft .NET framework has been developed as a means to connect systems and improve the flow of information, making it convenient for enterprises to share and integrate existing systems and information as well as extend functionality by using XML and Web services.

As organizations move forward, they will find that information sharing is fundamental to automating a process across platforms and departments or groups. As a business grows, it consistently adds to the processes and the number of systems it uses. For building workflow solutions, .NET provides an ideal platform for interoperability and information sharing. With .NET, passing data from one system to the next becomes seamless and requires minimal programmatic manipulation, with the added ability to deliver Web and wireless-based computing.

CONCLUSION

BPA rightfully is considered a critical business transformation initiative. It is a brand new, exciting way to enable business to business, round the clock, highly integrated, platform independent productivity. Organizations are realizing today that to manage and leverage corporate information becomes not only possible, but with BPA, it becomes imperative to compete and excel in a challenging business landscape.

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ABOUT AALPHA INFORMATION SYSTEMS INDIA PVT. LTD.

Aalpha Information Systems India Pvt. Ltd. provides development, customization and integration services in enterprise applications, eCommerce and mobile solutions, to companies of all sizes.

Meet your Deadline/ Improve your Bottom-line

With our expertise in a wide range of technologies and industry-specific competencies, you will realize the true value of software solutions - aligned to your business goals, and deployed just when you require them. Put simply, our business processes deliver cutting edge results.

Accelerate your technology ROI.

To help you achieve this, we develop, deploy, and host customized, scalable technology solutions that integrate seamlessly into our customers' existing environment. We pride ourselves on the fact that almost all our customers have experienced a faster time-to-market and an attractively low total cost of ownership.

Global Intellect + Local Advantages (Cost)

Welcome to a brand new global technology partner. We sustain relationships with major international corporations and engaging partnerships with leading application vendors. We build capabilities and specialized expertise in different domains across a huge range of geographies across the world.

Action + Intelligence + Expertise

Aalpha Information Systems India Pvt. Ltd. is that unique consulting partner with whom you can understand past results, identify trends and plan for the future. With great confidence, and deep assurance. We give you the much-needed release from technology pinpoints, powering your processes and moving your information to the edge of effectiveness. **Go ahead.**

Proven enterprise scale capability

Aalpha Information Systems India Pvt. Ltd. rests strongly on the foundation of proven mission-critical solution deployments and rapid development cycles to meet intense milestones. This comes from working for and adapting to some of the most demanding industry leaders across the world. Our technologists and consultants offer extensive experience in building e-business and mobile computing solutions, as well as an exciting array of horizontal business functions.

Extra-ordinary breadth, solid solution bandwidth

With its comprehensive IT skills and capabilities, Aalpha Information Systems India Pvt. Ltd. offers and manages groundbreaking software solutions spanning a range of technology platforms. We use modern software development platforms, software development tools as well as latest project management techniques and software engineering practices.

Consider this: Our excellence is evident from highly satisfied and repeat customers across the world for areas like Enterprise Solutions, E-Commerce Portals (B2B and B2C), M-Commerce Applications, ASP Portals, Client Server business applications and product development.

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India Advantage : Aalpha Leverage

On Demand access to experienced technology intellect
Leading edge offshore project management
Advanced project management and application testing frameworks
Deep, versatile domain knowledge
Quality processes, proven methodologies
State of the art 24 X 7 secure, risk free development facility in India
Assured Smart Economy – low overall cost and higher ROI
Satisfied customers across USA, Europe, Australia and Asia

Stretch your Technology ROI with our Flexibility

With Aalpha Information Systems India Pvt. Ltd., you enjoy smart control and progress overview of the project in development while experiencing reduced overheads and technology issues. We provide versatile project delivery models – fixed price, time and material, variable, hybrid and dedicated development/ competency center models – **to suit any, and every, requirement.**

Knowledge leadership @ Aalpha

An emerging new world leader in high performance Outsourcing solutions, Aalpha Information Systems India Pvt. Ltd. boasts of an exceptionally talented intellectual base: scores of product/ technology/ platform specialists with a wide ranging expertise and insight into many industries.

We are powered by ideas, backed by solid intellect. For every project, we target full performance of technology for business needs, and always deliver a connected, high touch commitment - **even beyond the development lifecycle.**

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