

Rational software

The IBM Rational System Architect solution.



IBM Rational System Architect is a powerful enterprise architecture solution for visualizing, analyzing and communicating enterprise architecture and business process analysis. By making enterprise architecture actionable, the System Architect solution helps you enhance your organizational agility and flexibility and provides a pathway from strategic enterprise architecture to tangible solution delivery.

Build your best enterprise

In the race to lead the global marketplace, the ability to take quick, confident action in a constantly changing environment separates winners from losers. A strong foundation in enterprise architecture and business architecture makes all the difference between coming in first and trailing behind.

The IBM® Rational® System Architect® solution is designed to increase your competitive edge by helping you optimize organizational agility—the pathway to a robust, efficient, value-enhancing business environment. The result: You build your best enterprise with better, real-time, decision-making abilities. Designed to support virtually all business process, structured data, and object modeling techniques, the Rational System Architect software lets you visualize and trace the relationships between technology, processes and data back to their original sources. As a result, you can more quickly understand, analyze and take action on business and technology issues.

Enterprise transformation

Making fast, value-driven decisions as markets and customer needs quickly change is virtually impossible without the support of an agile and flexible enterprise.

A successful journey requires first ascertaining the desired destination and then finding and following the optimal path to it. With graphical models of both the current and target states of the enterprise, as well as powerful analytics for visualizing the gaps and progress between the two, System Architect software helps deliver visibility from enterprise-level strategic plans down to the operations, information, applications and infrastructure that execute those strategies. Business and IT decision makers can see the variables and issues that need to be considered as they allocate funding and implement projects that help drive the most value to the organization.

System Architect software also can empower business analysts to quickly identify resources with poor value, obsolete processes and technologies,

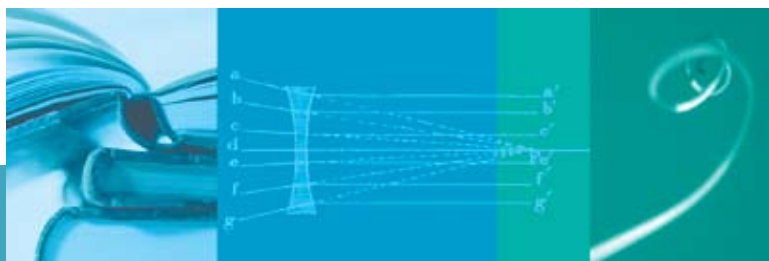
and existing gaps in business or IT capabilities. With this information, your organization can marshal resources, identify and assess opportunities and move toward strategic vision with confidence.

Effective solution delivery

Poor communication and collaboration between business and IT is a common roadblock to more effective and meaningful delivery of solutions.

Rational System Architect software can help you to cultivate an actionable architecture or one that helps ensure that the assets of the enterprise are effectively used in guiding solution development and project delivery.

The System Architect platform and integrated solutions can help your organization seamlessly implement architectures for the development of new IT applications and services, bridging the gap between business and IT. As a result, you can develop and deliver cost-effective solutions designed to satisfy stakeholders while helping to ensure that they directly relate to your business plan. Ultimately, IT assets that are created in this manner help companies adapt to changing conditions with greater flexibility and speed.



Establish a blueprint for enterprise analysis

Making fast, value-based decisions is difficult, if not impossible, when disparate project teams use a variety of tools and processes.

The IBM Rational System Architect solution integrates—in one multi-user environment—support for modeling of business motivation and strategy, business architecture, information systems and technology architecture, and data architecture. By providing integrated models and relational reporting across all of these key domains, System Architect software provides the tools for building a highly competitive enterprise with time-based organizational analysis, visual reporting and impact analysis.

The software also supports industry-standard enterprise architecture frameworks and modeling notations to assist in creating, populating and maintaining your architecture. Overall, the Rational System Architect application facilitates enterprise-wide collaboration with a single tool to support value-based decisions.

Business agility in the face of change

Business change cannot result in measurable improvements unless everyone involved is on the same page.

To develop and improve any business, it is essential to understand the way it operates. System Architect software

provides a multi-user business analysis platform so that decision-makers share a common view of business architecture elements and reports, helping to bring about consistent, repeatable, and actionable results to support business optimization.

The System Architect solution provides comprehensive support for Business Process Modeling Notation (BPMN), helping to improve the visualization of organizational business processes. It reveals the level of efficiency at which your business is operating and simulates the processes for planned improvement. Cross-reference matrices link critical goals to business deliverables and processes.

The software also integrates business processes with strategy maps, organizational charts, functional hierarchy diagrams and information data models with Unified Modeling Language (UML).

Middle Eastern customs office gains greater business agility

A global leader in customs administration through innovation and customer service needed an enterprise architecture solution that would support business goals and strategy, as well as its high-level enterprise architecture methodology. Rational System Architect software was implemented at the organization's central enterprise architecture office, with plans to extend its use to approximately 1,600 employees.

The solution has helped the organization gain greater levels of maturity in information management, including:

- *Easier customization for proprietary enterprise architecture framework.*
- *Strengthened organizational agility.*
- *Robust support for governance procedures.*

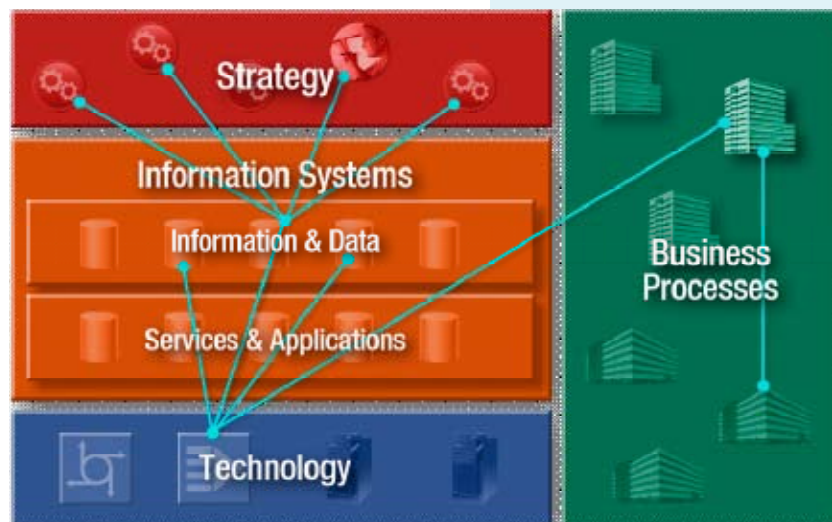


Figure 1: Rational System Architect gives you an accurate view of the impact of business expansion, mergers and divestitures in global settings.



Enterprise Architecture Management and IBM Rational System Architect software

IBM Rational System Architect software is the cornerstone of the IBM Enterprise Architecture Management (EAM) strategy, empowering organizations to expand the value of EA to a broader set of stakeholders and projects within the organization. EAM is comprised of Rational System Architect integrated with the following solutions:

- IBM Rational Focal Point™—Perform cost-benefit and trade-off analysis of the business and IT architecture, and build IT roadmaps for EA project data.
- IBM Rational DOORS®—Create traceability between enterprise architecture models and the business and technical requirements they support.
- IBM Rational Software Architect—Drive workflow, traceability and artifacts from business and IT strategy to solution development and delivery.
- IBM Rational Change—Manage and track change requests in enterprise architecture, report on deployment status and resolve bottlenecks.
- IBM WebSphere® Business Modeler (WBM)—Export process models to WBM for consolidation, and drive enterprise architectural process to a BPM deployment environment.

For more information

For more information about IBM Rational System Architect, contact your IBM representative or IBM Business Partner, or visit:

ibm.com/software/rational

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