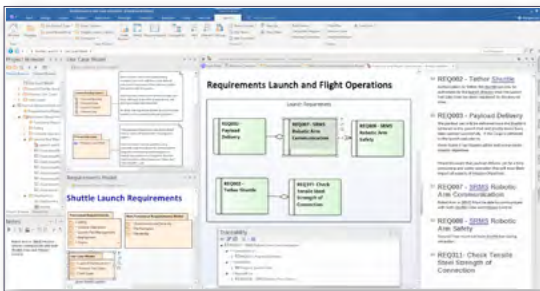


# Create, Analyze and Simulate Business Processes and Rules

## Build and Manage Requirements



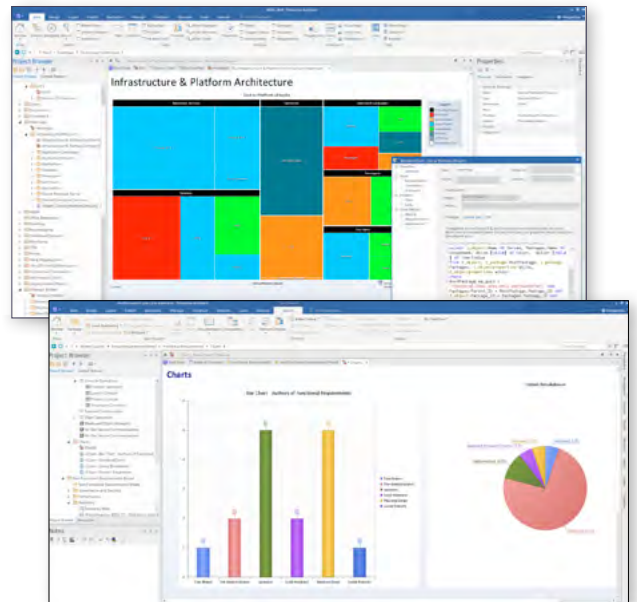
Use Enterprise Architect to build a coherent picture of a proposed system with built-in Requirements management capabilities that are essential to a successful project.

- Create and view Requirements directly in an Enterprise Architect model
- Build a coherent picture of a proposed system
- Identify and document relationships in a tabular format and via model/diagram
- Record essential element information such as status, difficulty and priority
- Document and trace Requirements throughout the life of a project
- Verify strategic decisions and trace organizational objectives
- Capture business logic using business rules and business process models

## Analyze Heat Maps, Searches and Charts

Enterprise Architect's Heat Maps, Searches and Charts can analyze enterprise wide data that influence strategic or project level decisions.

- Use Heat Maps and simple visual cues, such as color and relative size, to convey information that can facilitate decision making
- Manage the status of complex projects with Predefined Searches, such as Tasks, Defects, Issues, Events, Decisions and Tests
- Track Resources and Role Activity over a variety of timeframes, building charts quickly from results
- Convey search results with charts to build up custom project dashboards, allowing stakeholders to access information and support better decision making



## Tools & Techniques for *BABOK® Guide v3*

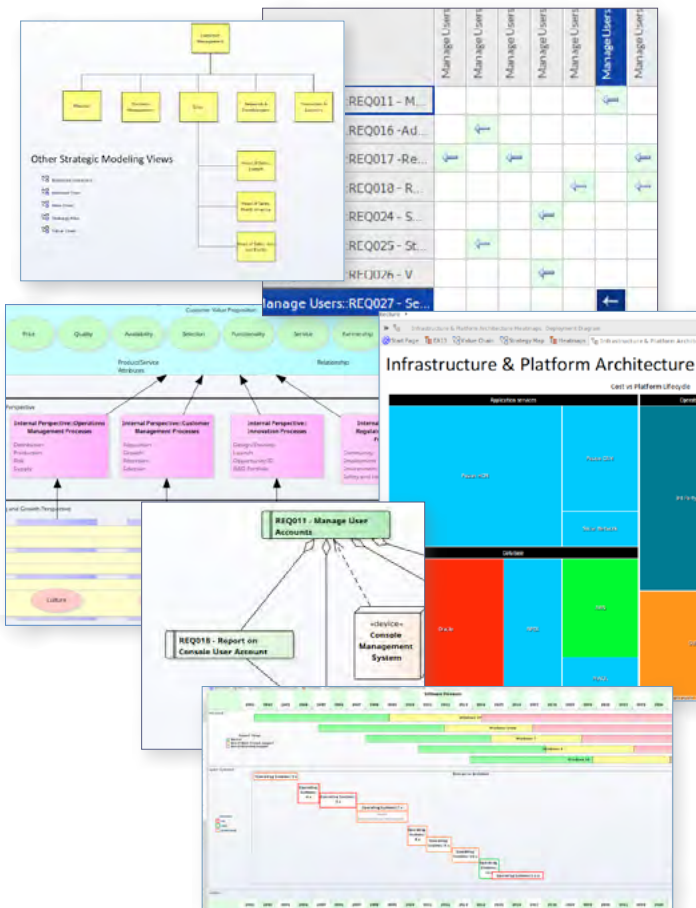
Business analysis and collaboration solution for the global business community. Sparx Systems, together with the International Institute of Business Analysis™ (IIBA®), has announced the public Beta release of a reference model for IIBA's Business Analysis Body of Knowledge® (*BABOK® Guide v3*), supported by Sparx Systems Pro Cloud Server and MDG Technology within Sparx Systems Enterprise Architect.



# Share a Vision of your Enterprise

## Use Cases and User Stories

Develop Use Cases and User Stories to model system behavior and analyze how users interact with a system to achieve real world goals. Use alternative images to represent model elements that create realistic, yet easy to understand system models.



## Testing

Enterprise Architect enables you to define test specifications, execute tests and record results directly from model elements. Using Enterprise Architect's Structured Scenarios you can automatically generate Test Case descriptions.

## Analyze Business Processes

Document existing business practices, simulate and execute process flows. Industry-standard process modeling tools including BPMN and flow charts allow you to review future business needs. Configure simulations with BPSim. Exchange model information via BPMN XML Import/Export.

## Strategic Modeling

Identify and establish meaningful strategic links between corporate strategy, operations, business rules and business process improvements. Leverage strategic planning tools such as a Balanced Scorecard, Decision Trees, Value Chains, Strategy Maps and Organizational Charts.

## Screen Prototyping

Create rich screen prototypes for the web, mobile devices and other user interfaces. Link wireframes to Requirements, Use Cases, Scenarios and more. Elicit feedback, verify design elements, engage key stakeholders to enhance requirement management.

## Communicate with Stakeholders and Teams

Share a project vision, discuss ideas, compare designs and produce custom reports that are easily understood by IT and Business professionals alike. Automatically produce documentation that can be used to highlight the 'value' of proposed system changes, business process improvements and strategic goals to create a compelling business case.

## Simulation

Enterprise Architect's Model Simulation helps verify system behavior and manage complexity. Visualize outcomes before resources are committed. Gain a better understanding of how your systems work.

## Traceability

Enterprise Architect provides flexible and expressive features that help you to explore and traverse your project, including the Traceability Window and the Relationship Matrix. Enterprise Architect can trace between any sort of model elements be it Requirements, Use cases, User stories, Mind maps, BPMN, Process diagrams, Documents and more, which is a powerful mechanism for the analyst.