Arena® Basic Edition

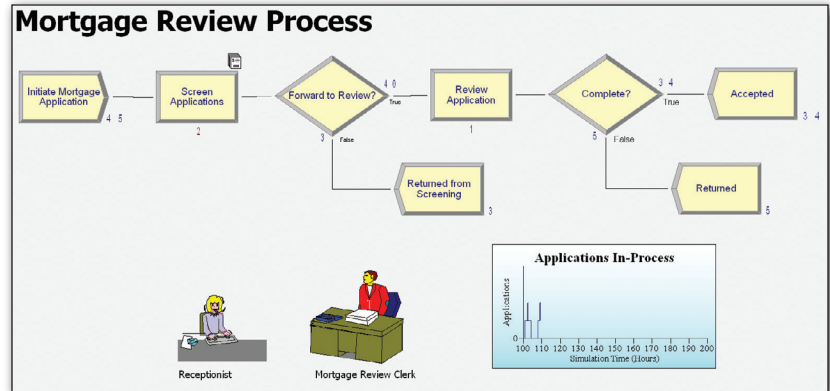Basic Tool for Modeling Simple Processes

Arena®

Advantages

- Designed primarily for newcomers to simulation or as an extension to those who use flowcharting packages to document business processes
- Excellent tool for improving business or manufacturing productivity
- Helps you predict system performance based on key metrics such as costs, throughput, cycle times and utilizations
- Aids in identifying process bottlenecks
- Useful in planning staff, equipment or material requirements
- Easier-to-use flowchart-style, object-oriented modeling environment is the ideal way to bring the power of modeling and simulation to business process improvement
- Convenient spreadsheet interface to define data such as business variables, resources, and schedules

Arena Basic Edition is a desktop tool designed for business consultants and analysts as a natural extension to flowcharting packages to document business processes.

Mortgage Review Process

Overview

The design and implementation of supplier, manufacturing, customer, and internal organizational processes all have a critical impact on the bottom line – and your ability to stay competitive. Poorly planned implementations can have disastrous effects, resulting in frustrated customers, lost business, and sinking profits. Arena® Basic Edition simulation software protects your business by predicting the impact of new business ideas, rules, and strategies before implementation – offline, without causing disruptions in service.

Features

- Easier-to-use flowchart-style, object-oriented modeling environment to describe process flow
- Convenient spreadsheet interface to define data such as business variables, resources, and schedules
- Hierarchical aggregation and decomposition to aggregate or expand system components
- Animate your entity and resource animation with the full library of pictures included in Arena symbol factory
- Detailed activity-based costing
- Input data analyzer that automatically fits raw data to the best statistical distributions
- Reuse of existing knowledge and data through built-in spreadsheet and interface to standard databases such as Microsoft® Excel and Access
- Customizable toolbars, context-sensitive menus, and online help watch windows, breakpoints, and more

Rockwell Automation

Allen-Bradley • Rockwell Software

- Easier distribution of models to others for viewing and experimenting
- Comprehensive reporting capability through Crystal Reports®, including graphs publishable as HTML, Microsoft® Word, Excel, and more
- Powerful output analysis tools to compare results from different scenarios
- Free library of nearly 300 tutorial models (SMARTS) to help you learn
- Models and knowledge easily extended into other Arena packages including Arena Basic Edition Plus, Arena Standard Edition, and Arena Professional Edition platforms

Benefits

Arena Basic Edition is a tool for analysis of business, manufacturing, and supply-chain processes. Designed for business consultants and business analysts, it can also be widely deployed as a desktop tool and serve as a natural extension to those who use various flowcharting packages such as Microsoft® Visio® to document business processes. It is particularly useful in:

- Documenting, animating, and demonstrating the variability and dynamics of a process map such as those done in Visio or other static drawing packages
- Analyzing business processes typically related to customer or paperwork handling, front- and back-office procedures in insurance, finance, or banking industries
- Analyzing high-level manufacturing process flows, where detailed material handling is not essential

Recommended Requirements

Minimum requirements/recommendations for running the Arena software include:

- Arena® simulation software, version 13.00.00.
- Microsoft® Windows Vista® (SP1 or later, 32-bit version only), Windows Server® 2003 Standard Edition (SP2 or later, 32-bit version only), Windows Server 2003 Standard Edition R2 (SP2 or later, 32-bit version only), Windows XP Professional (SP2 or later), Windows XP Home (SP2 or later).

- Microsoft Internet Explorer®, version 6.0 or later. Version 7.0 is recommended for Windows Vista operating systems.
- Adobe® Acrobat Reader 8.1.0 or later, to view documentation.
- Hard drive with 250MB free disk space (or more, depending on the options installed). 1GB RAM (or more).
- Intel® Pentium® processor, 2GHz or faster. The Arena software can be run on single processor, dual processor, and dual-core processor computers; however, you can only run one instance of Arena at a time.

Note: The faster the PC, the better the system will run. The running and animation of Arena and some large simulation models can be calculation-intensive, so a faster processor with additional memory may result in improved performance. In addition, a larger monitor and a screen resolution of at least 1024 x 768 are recommended for improved animation viewing. You must have Administrator privileges to install the software.

More Information

To see an online demonstration of Arena, please consult our Web site at www.ArenaSimulation.com and look at our Demo on Demand and Web seminar offerings. While there, you can also download product brochures, white papers, and application case studies.

For more information and pricing of Arena software, please contact the U.S. Rockwell Automation office at (1+) 724-741-4000 or contact your local Arena reseller. A listing of worldwide Arena resellers may be found at www.ArenaSimulation.com.

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