



The Ultimate System Visualization and Analysis ToolSM

BlockSim provides a comprehensive platform for system analysis using the exact system reliability function and/or discrete event simulation. The software provides sophisticated and flexible capabilities to model systems using a Reliability Block Diagram (RBD) or Fault Tree Analysis (FTA) approach... or a combination of both!

Modeling and analysis capabilities include:

- All relevant RBD configurations and FTA gates/events are supported, along with advanced capabilities to support complex configurations, load sharing, standby redundancy, phases, duty cycles and more.
- Exact reliability results and plots based on the exact system reliability function (using an exclusive algorithm pioneered by ReliaSoft).
- Extensive simulation options for analysis of repairable systems with a variety of results and plots to support decision-making, including uptime/downtime, availability, expected failures, spare parts requirements, optimum replacement interval, life cycle cost summaries, throughput estimations, etc.
- Plus, you can determine the optimum reliability allocation strategy based on cost and feasibility to improve components, use graphical charts to identify components that may require improvement, perform what-if analyses to evaluate different scenarios and much, much, more!

<http://BlockSim.ReliaSoft.com>