



overview

Strategic Portfolio and Resource Capacity Planning With ProModel's Portfolio Simulator

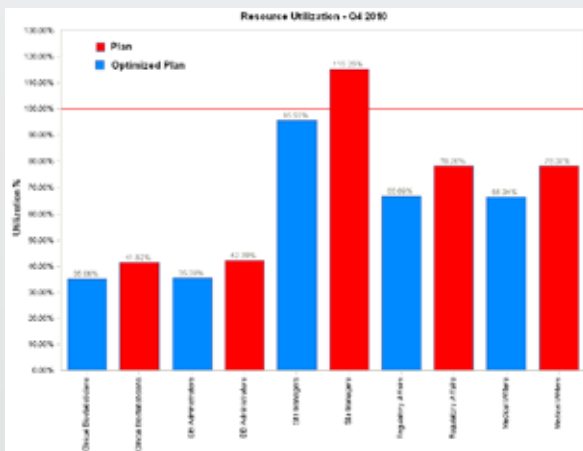
ProModel's Portfolio Simulator reduces the risk and uncertainty involved in strategic and long-term planning by providing objective, accurate, and quantified portfolio performance information. This improved information generates confidence in predicting how your organization performs in the future.

Decision makers across the enterprise involved in planning and managing projects, resources, technology, and investments can now make better decisions, faster. Portfolio Simulator allows you to make more effective decisions by generating real life scenarios and letting you analyze such factors as:

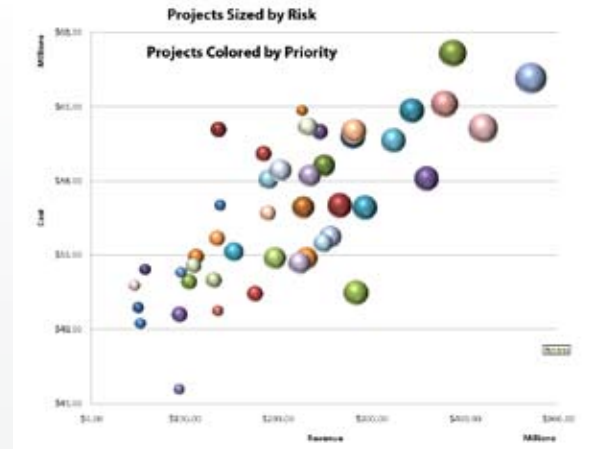
- Probability of Success
- Resource Requirement Variability
- Cycle Time Variability
- Financials
- Portfolio Productivity
- Risk

Portfolio Simulator helps you to achieve your desired performance objectives, in a shorter time frame, with minimal risk in areas such as:

- Resource Investments
- New Product Introductions
- Technology Investments
- Strategic Alliances
- Project Prioritization
- Prioritizing Process Improvement Initiatives



Easily compare resource utilization across scenarios to identify resource constraints.



Easily compare revenue, cost, priority, and risk.

ProModel's Portfolio Simulator reduces the uncertainty in strategic planning helping you make better decisions, faster.

Portfolio Simulator provides simulation technology, so your organization can visualize, analyze and optimize its portfolio of projects without jeopardizing system execution. You can define critical parameters for evaluation and with true optimization automatically analyze more simulation experiments than humanly possible. ProModel optimization uses state-of-the-art algorithm based technology to objectively determine the best way for you to achieve your performance goals.

Visualize - Analyze - Optimize

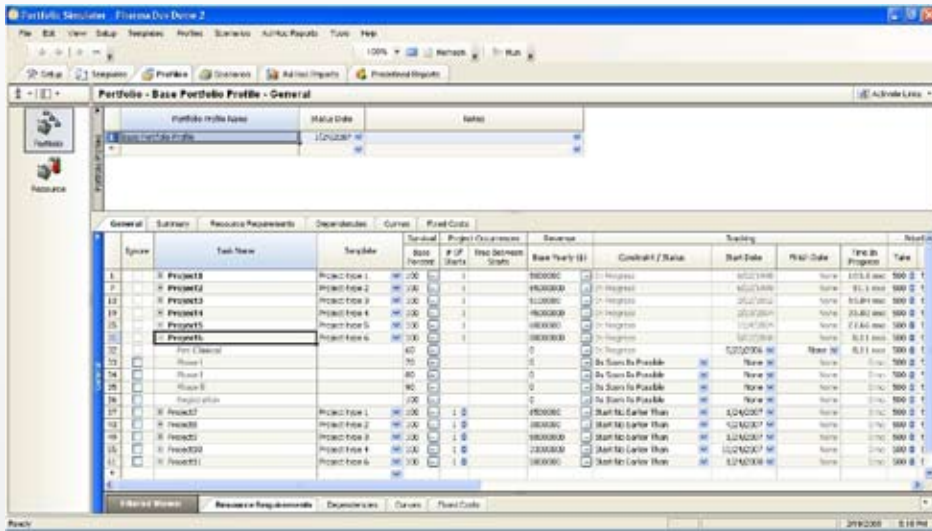
3 Step-Methodology

1

Visualize Your Portfolio

Determine how your portfolio of projects will perform in its current state.

Begin with detailed individual project plans or portfolios from existing PPM systems, ProModel's Project Simulator or EPS (Enterprise Portfolio Simulator), or create new plans from pre-defined templates right in Portfolio Simulator. Modify or add additional inputs such as:



Portfolio Simulator Interface – easy to use and allows you to simultaneously view stats and manage the various projects in the portfolio.

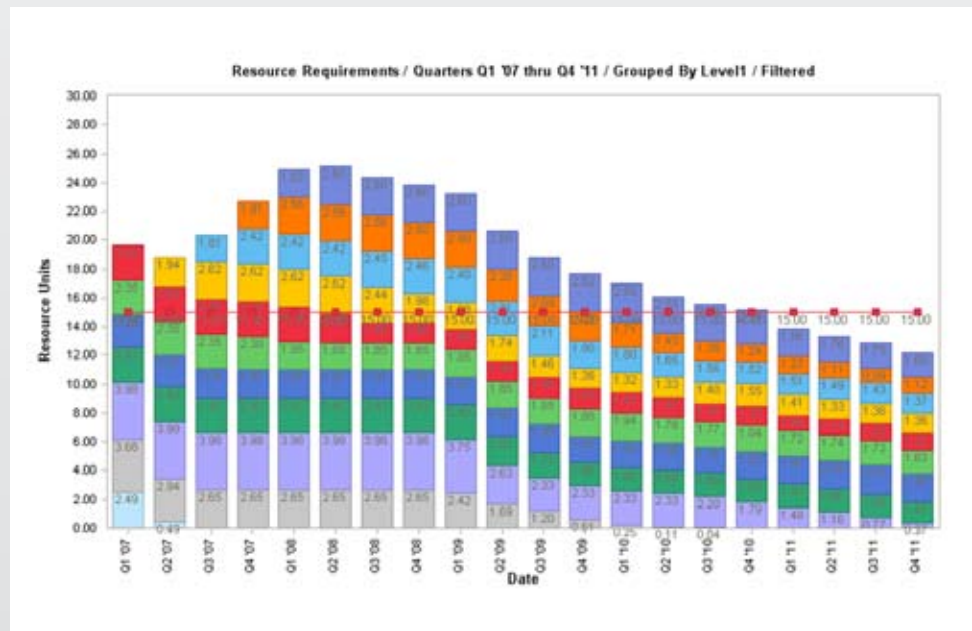
- Duration and Work Variability
- Reporting Attributes
- Survival Rate Assumptions
- Business Rule Assumptions
- Project Prioritization
- Timelines
- Stage or Activity Duration Times
- Resource Requirements
- Revenue Assumptions
- Resource Capacity Changes Over Time

2

Analyze Your Portfolio

Identify all the possible opportunities for improving portfolio performance by analyzing the following options:

- Prioritization
- Licensing
- Resource requirements
- Productivity Initiatives
- Outsourcing
- Diversification

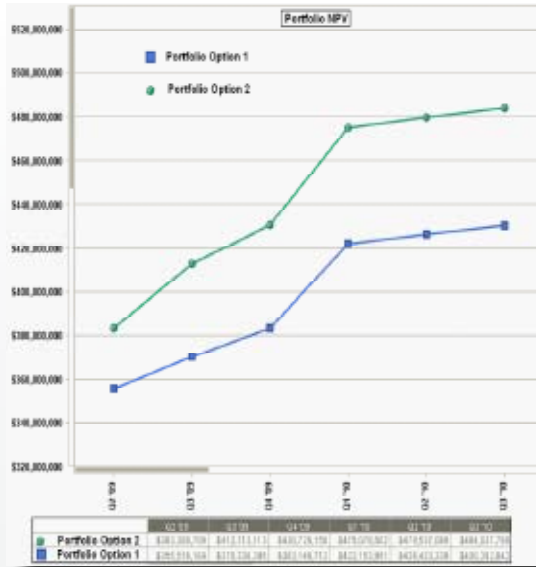


Resource Requirements– shows resources required over time to meet your portfolio demands vs. planned capacity. Each color is a different project.)

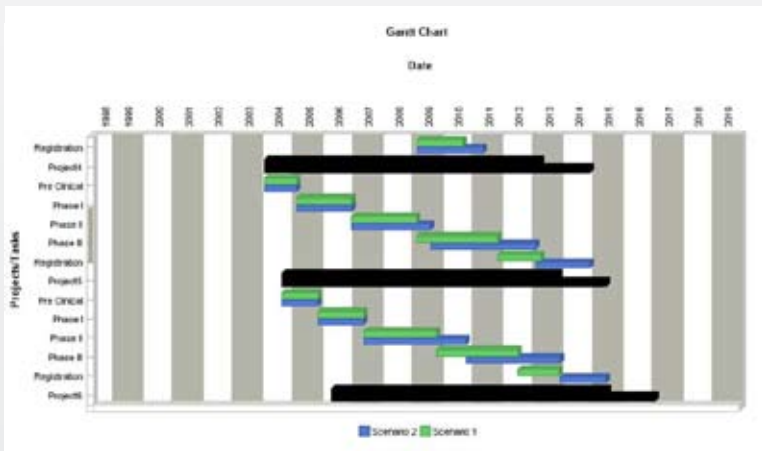
Maximize Your Portfolio with True Optimization

3

True optimization capability provides decision makers the ability to determine precisely which projects to execute, in what order, and when, based upon goals or objectives that you determine for key dates, budget requirements or resource constraints.



Financial reports – illustrate revenue, costs, and Net Present Value (NPV) comparisons over time.



Impact of constraints on timelines

Experimenting with parameters and portfolio options allows you to see the impact on your Key Performance Indicators (KPI's) across multiple scenarios simultaneously. Portfolio Simulator can provide confidence level reporting around the following KPI's:

Portfolio Performance (over time)

- Expected Net Present Value (NPV)
- Expected Net Accumulated Value (NAV)
- Costs & Revenue
- Total Resource Requirements
- Resource Capacity compared to Requirements
- Start and Completion Times for key stages/ milestones
- Cycle Times
- Productivity

Portfolio Simulator fosters a collaborative environment to conduct forecasting and predictive analysis in order to more accurately and quickly quantify the impact of your decisions on the entire portfolio – before you implement.

The following custom reports are available for generation in Excel.

Select one or more reports

Project Bubble Chart

Creates a bubble chart of all projects plotted against project cost and revenue with bubble size denoting risk.

FixWorkPL3MonthTS

Exports all Fixed Work by Project by Level 2 by Level 3 in Monthly Time Series. Please select only a single scenario.

FixWorkPL2MonthTS

Exports all Fixed Work by Project by Level 2 in Monthly Time Series. Please select only a single scenario.

ResReqL1MonthTS

Exports all Resource Requirements by Level 1 in Monthly Time Series. Please select only a single scenario.

ResReqL2QuarterlyTS

Exports all Resource Requirements by Level 2 in Quarterly Time Series. Please select only a single scenario.

ResReqPL3MonthTS

Exports all Resource Requirements by Project by Level 2 by Level 3 in Monthly Time Series. Please select only a single scenario.

ResReqPrL2MonthTS

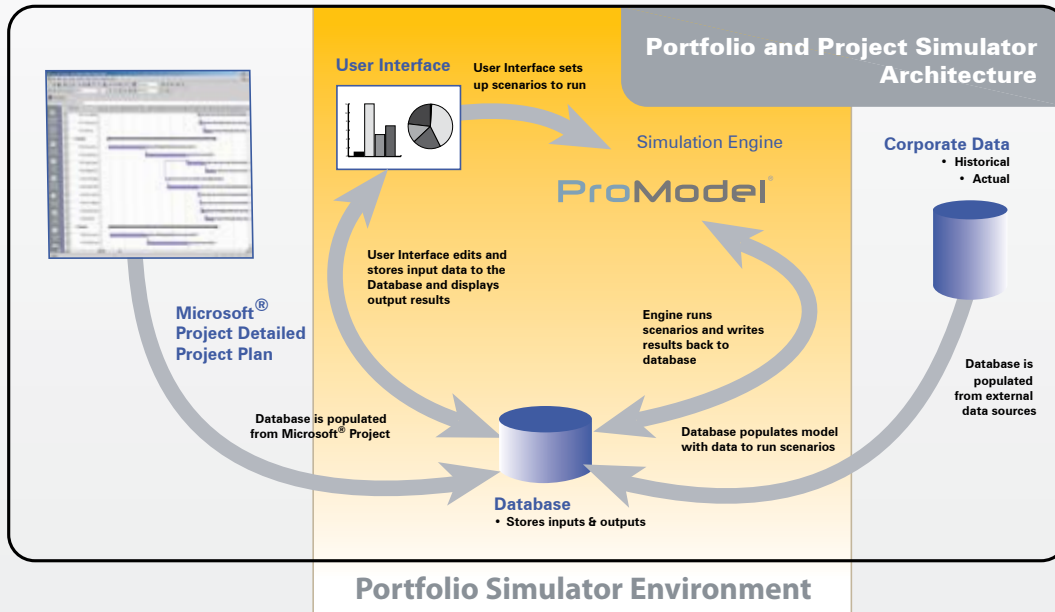
Exports all Resource Requirements by Project by Level 2 in Monthly Time Series. Please select only a single scenario.

Additional Excel Reports

Additional custom reports are available upon request. Please contact your ProModel representative for more details.

How Does it Work?

Portfolio Simulator is based on ProModel's powerful leading-edge simulation technology combined with a database, user interface, and report generator. The Portfolio Simulator environment can connect to legacy data sources, existing PPM or EPM applications, ProModel's Project Simulator and EPS, or can be populated directly through the customizable interface in Portfolio Simulator without relying on another system. A strategic roll-up feature in the technology also allows you to import detailed project files in a summarized high level structure.



Once the Portfolio Simulator environment is populated, comparative "what-if" scenarios can be created and run. The results can be viewed and analyzed through flexible output tables, charts, and graphs. Portfolio Simulator is configured to meet the custom requirements of each organization based on their specific inputs and key performance indicators.

Compatibility You Can Count On

ProModel's Portfolio Simulator can be integrated with any tool you're currently using!

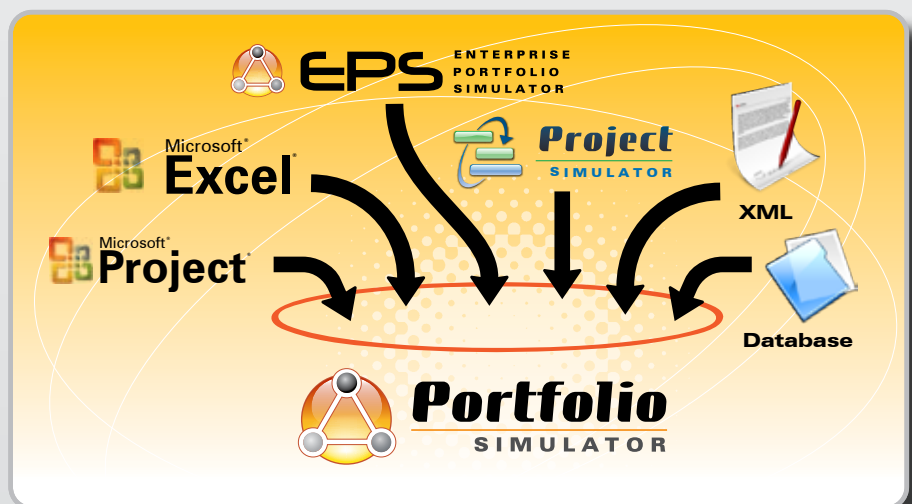
You'll now be able to share data and easily import your project plans from various project portfolio management programs directly into Portfolio Simulator, or use the software's pre-defined templates to create new plans. Microsoft Project plans can be published directly into Portfolio Simulator to allow for a more dynamic and proactive approach to portfolio planning and implementation.

Portfolio Simulator accepts the following Project Management software files:

- Microsoft Project
- Excel
- ProModel's Project Simulator
- XML
- Database
- ProModel's Enterprise Portfolio Simulator

Flexible and Customizable

Portfolio Simulator's user interface can be customized to fit your needs. In addition, custom add-ins provide flexible loading, displaying and reporting capabilities.



ProModel

VISUALIZE ANALYZE OPTIMIZE **VAO**

www.promodel.com 1-800-816-5338 PortfolioVAO@promodel.com