The Value of Enterprise Portfolio Simulator With Microsoft Project Server®

ProModel’s Enterprise Portfolio Simulator (EPS), integrated with Microsoft Project Server® goes beyond typical portfolio planning and forecasting to deliver a realistic, risk-adjusted, optimal portfolio that reaches your company’s financial and project performance targets. ProModel predictive analytics technology, combined with Microsoft Project Server, (2003, 2007 and 2010) create an extraordinary strategic planning environment.

Save days to weeks in strategic planning and reviews, while increasing the confidence that your organization is working on the right projects at the right time that best align with your organizational goals and available resources.

Facilitate rapid what-if scenario creation. Experiment with project and capacity options, budgets, resource assignments and financial forecasts. The scenarios can then be evaluated side-by-side in NPV, task/project completion projections, or resource utilization reports to see your best options for reaching realistic future goals.

Export revised project plans based on your best portfolio scenario.

Seamlessly integrate with Project Server through a direct connection that can automatically sync project information. You can add risk factors to task durations, resource requirements, and costs, along with probability of success factors and future revenue projections. This empowers your organization to account for all relevant constraints, risks and financials.

Add resource requirements to projects with task templates driven by enterprise attribute fields and user definable algorithms. This provides a way to quickly test different resource allocation/demand options outside of Project Server.

Here are just a few of the questions ProModel’s Enterprise Portfolio Simulator can answer:

- Which projects can I complete with my current resource constraints?
- Which and how many resources can I add to complete how many more projects by when?
- How can I maximize my portfolio ROI?
- If we introduce a large program of work next year, how will that impact my resources and the current portfolio of projects?
- What is the total cost of scenario A vs scenario B?
- What is the NPV of scenario A compared to scenario B?
1. More importantly, it’s easy!

Import project plans from Project Server.

- Select projects to import
- Select whether to auto-update and keep project data linked to Project Server
- Select whether to import resource requirements
- Set the strategic task rollup levels to summary tasks and pooled resources, if preferred
- Add task duration and work variability, if desired
- Apply predefined task, resource or financial templates, as appropriate

Define and evaluate unlimited experimental portfolio options.
2. Create and simulate multiple what-if scenarios.
Run unconstrained to determine how a portfolio will perform without resource restrictions or constrained to show the impact of limited resources on project timelines.

Experiment with:
- Project selection options
- Projects priorities
- Projects timings
- Resources capacity options
- Cost options and revenue forecasts
3. Catch up on delayed work or accelerate project completion. EPS allows you to establish task priorities which can automatically change resource allocation rules to recoup or accelerate project plans for improved task and project timing.
4. Optimize

Optimize to help automatically find and create the best portfolio options based on organizational goals and constraints.

- Select optimization objectives
- Select optimization constraints
- Click Go!
5. Compare the results.

Compare the results of your experiments side-by-side to determine your best options.

### Scheduling Outcomes

![Scheduling Outcomes](image)

### Resource Supply vs. Demand Over Time

![Resource Supply vs. Demand Over Time](image)

### Project/Task Start/Finish Date Probability

![Project/Task Start/Finish Date Probability](image)
6. Select your best scenario and export updated project files with new task times and resource allocations.
ProModel is a leading provider of predictive analytics that empower businesses to improve performance throughout the enterprise. ProModel technology is designed to complement the Microsoft Project Server platform and other Microsoft technologies. It is rough terrain out there, but with Microsoft and ProModel technologies working together, your business will be able to navigate it with UNPARALLELED BUSINESS INTELLIGENCE.

Contact a ProModel Representative Today!

www.promodel.com
saleshelp@promodel.com
Call - 888-900-3090