

Vertical

Genre

Manufacturing

Pharmaceutical

Healthcare

Portfolio

Logistics

Financial

Government

Business

Case Study

Project Review

White Paper

Value Proposition

Responsible for any of the following decisions in your organization?

- **Resource Investment Decisions**
- **Project Prioritization Decisions**
- **Prioritizing Process Improvement Initiatives Decisions**
- **Strategic Alliance Decisions**
- **New Product Introduction Decisions**
- **Technology Investment Decisions**

In today's competitive environment, R&D executives are responsible for investing in projects, resources, and process improvement initiatives that align portfolio performance with organizational goals. However, not knowing how these investments will perform collectively over time considering variability and interdependence, makes this task extremely difficult if not impossible.

ProModel has been working with Strategic Portfolio Planning Executives for the past 15 years helping them to confidently determine the appropriate Portfolio and Capacity options necessary to achieve organizational goals now and into the future.

ProModel has created a Strategic Portfolio Planning solution that combines a unique methodology and powerful simulation technology. It allows you to emulate the performance of your portfolio over time given your current resource capacity by taking into account business assumptions, variability, resource contention and complex interdependencies. Once you have a clear understanding of your current organizational capabilities, you can rapidly experiment with different project characteristics, resource demands and capacities, and business rules including:

- **Project Prioritization**
- **Resource capacity over time**
- **Business Initiatives that effect resources, cycle times or survival rates**

The result of experimenting with these types of parameters is to allow you to see the impact on your Key Performance Indicators (KPIs) across multiple scenarios simultaneously, to help optimize your decisions. Portfolio Simulator can provide confidence level reporting around KPIs such as:

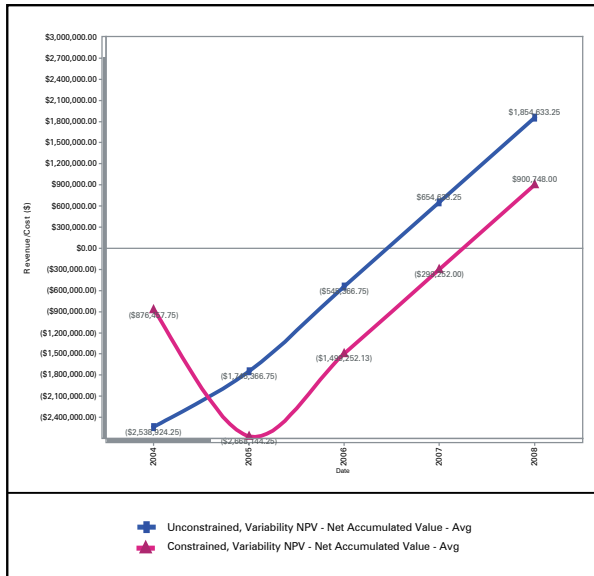
- **Expected Net Present Value over time**
- **Expected Present Value of Costs over time**
- **Expected Present Value of Revenues over time**
- **Revenues & Costs over time**
- **Total resource requirements over time**
- **Resource capacity to requirements comparisons**
- **Starts and completions for key stages/milestones over time**
- **Cycle time for key stages/milestones**
- **Productivity over time**

The following are some examples of output reports from Portfolio Simulator:

Financial Reports

Can show revenues, costs and NPV comparisons over time.

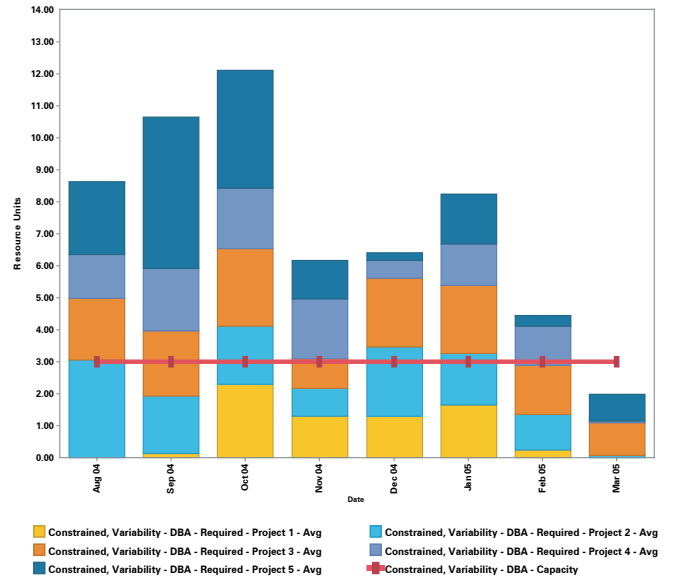
Accumulated Value Years 2004 thru 2009



Resource Requirements Over Time

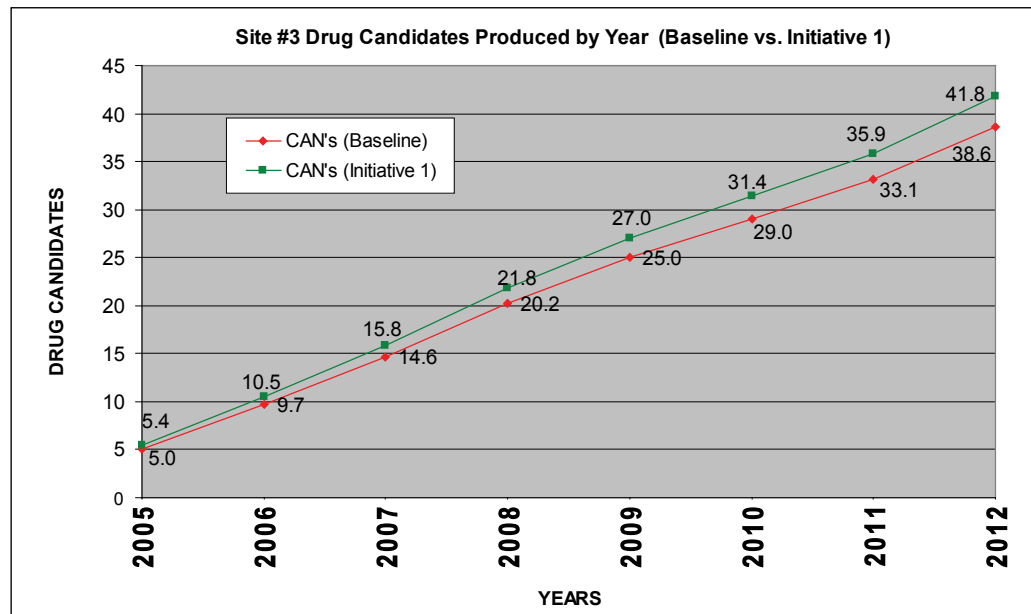
Shows resources required over time to meet your portfolio demands versus planned capacity.

Resource Requirements By Project



Throughput Analysis

Throughput analysis over time.



The bottom line is that the powerful simulation capability of ProModel's Portfolio Simulator enables strategic planners to quantify the impact of their decisions on the entire portfolio of projects. This optimized method for decision-making provides managers with a way of understanding how to meet performance objectives, with a high probability for success, today and into the future.