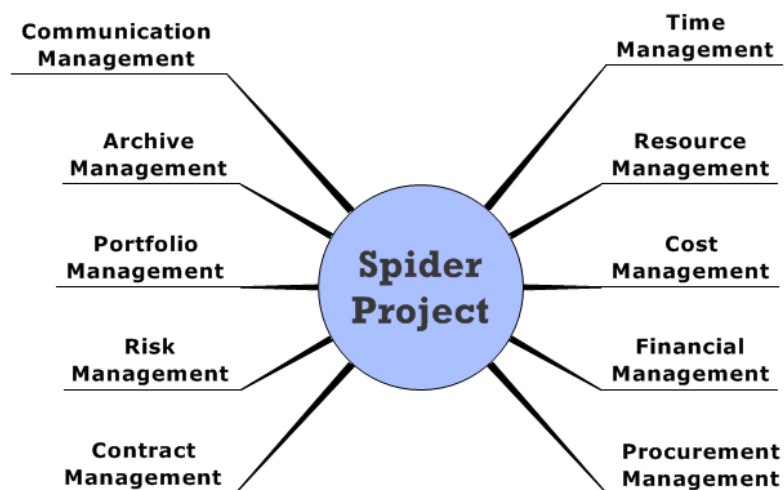




# Spider Project

Spider Project is a professional project management software package with unparalleled functionality. It supports advanced project managements technologies like **Success Driven Project Management** and **Critical Chain** along with the traditional project management approaches. Spider Project wins competition with other PM software due to wider functionality and better solutions for the same tasks. Many management functions and approaches realized in Spider Project have no analogues to compare with. Spider Project software package allow to make justified and verified project decisions, to execute projects **faster, better and at lower costs**, and to obtain the most comprehensive information about the projects under execution.

**Spider Project is the only commercial project management system that provides complete integration of project data from estimate, budget, schedule, resources, procurement, contracts, and project risk in a single application.**



**Spider Project is best fitted on the investments and constructions management and allows you significantly increase the savings and reduce the risks** by providing a complete control through:

- The best schedules and optimal utilization of projects resources;
- Cost Management using Earned Value Management techniques and Success Probability Trends for quick identification and resolution of potential problems;
- Financial Management and calculation of Net Present Value, Internal Rate of Return, and Pay-back Period;
- Calculation of cash flow for all expense items and cost centers as well as for any project material.
- Scheduling with financial and material constrained;
- Simulation of consumption and revenues, resource expenditure and production;
- Procurement Management and Contract Administration;
- Risk simulation and calculation of necessary contingency reserves (including Project buffer) and current probability of achieving target project parameters;
- Built-in tracking system allowing not only to adjust remaining work duration and volumes but also to obtain the reports on the project execution for any project element and for any time period;
- Portfolio Management by consolidation and distribution of projects, and synchronize the company objectives with the projects objectives;
- **Providing overall cost saving of 15% -20% of total project costs when used in conjunction with Success Probability Trend, Earned Value techniques, and sound project management procedures.**

The complete solution for Project Management

Characteristics

# Running the Projects Faster, Better, and at Lower Cost

## Time Management

Spider Project ensure the best schedules and optimal utilization of project resources. **It can model any process time based, and provide reliable and feasible plans for investments, having no limitations of data.**

Resource constrained schedules produced by Spider Project are usually characterized by lesser project duration and hence - by lesser costs than the schedules produced by other PM packages.

**It compute the Resource Critical Path (Critical Chain) and feasible activity floats.**

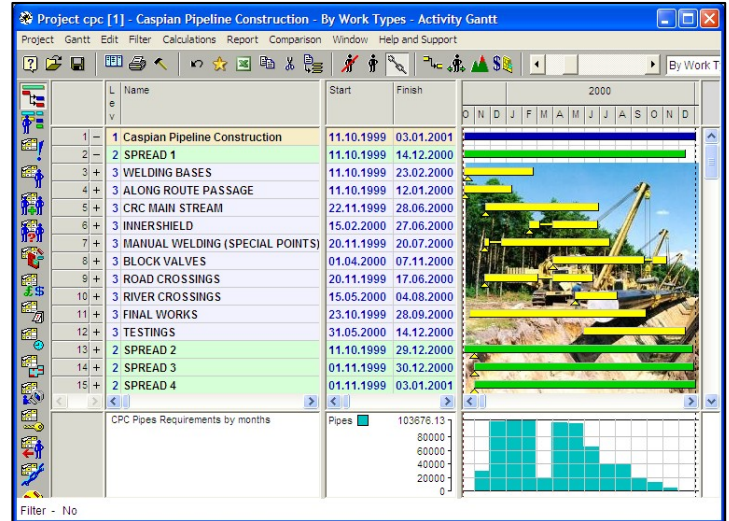
**The activities duration is based on the volume of work to be done and the productivity of allocated resources.**

## Resource Management

**Spider Project is the only Project Management package that correctly simulates partial resource assignments.**

Unlike other Project Management packages Spider Project takes into account both the number of assigned resources and the planned percentage of their working time that should be spent on activity execution. It use in the project planning, the corporate norms.

**Project monitoring and control can be performed using both Percent Complete and Volumes of Work Realized.**



## Cost Management

For Cost Management **Spider Project use cost components which help to develop the reference estimation and budget control.** This approach allows to accurately account the revenues, expenses, wages, cost of machinery, etc.

Besides setting the cost of an hour of renewable resource and the cost of material unit, the cost can be set directly for activities and assignments.

Project costs can be kept in different currencies. Spider Project can create and use for scheduling and reporting any number of resource, material and cost centers.

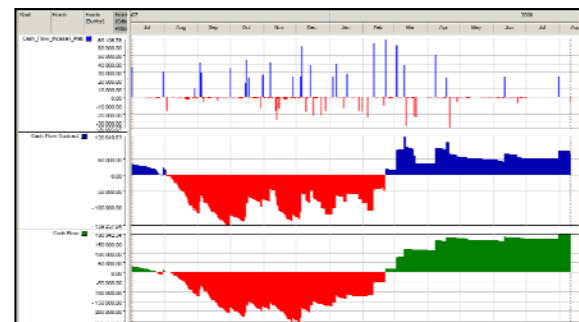
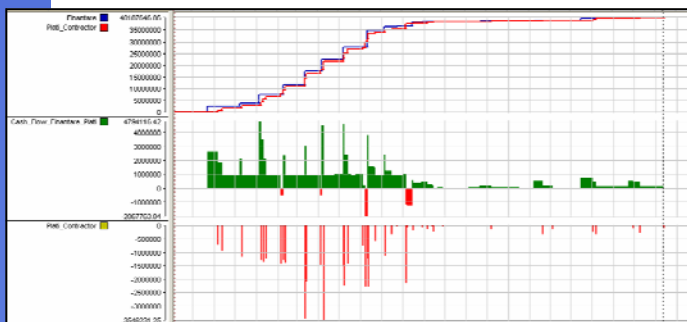
Cost Center in Spider Project represent the sum of chosen cost components calculated across the user defined group of resources and materials. It can be used in the process of financial leveling.

## Financial Management

Building annual budgets that consider forecasted project and program work plans along with detailed cost data, financing and material supply is a real challenge.

**Only Spider Project integrates detailed cost information, financial schedule and supply schedule with the program schedule in a single solution.**

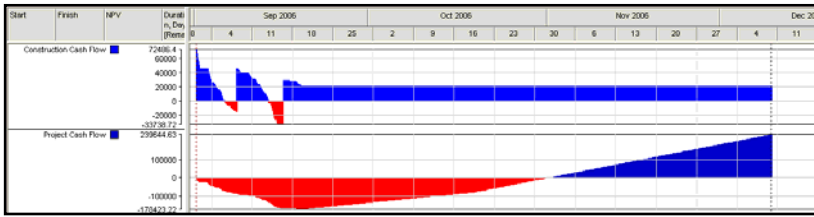
The result is knowing the project schedule's impact upon costs, financing and supplying to support decision-making.



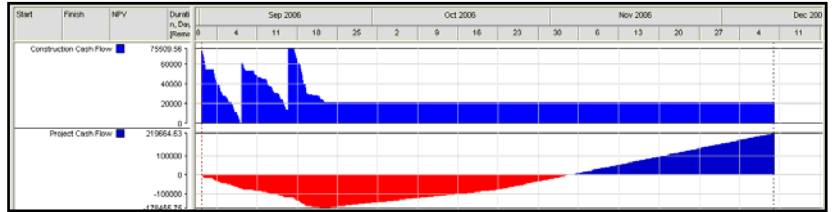
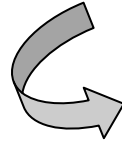
The biggest challenge is to forecast and to monitor the financing and payments at the projects and portfolio levels. Consolidation of such information at the enterprise level is the desire of any manager. Spider Project gather such vital information for the companies, in a very easy and flexible way, and allows to make what-if scenarios in order to provide the optimal solution at the enterprise and projects level.

# Running the Projects Faster, Better, and at Lower Cost

## Financial Management



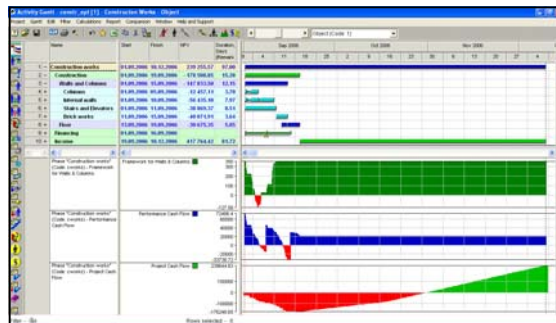
Spider Project calculates the cash-flow for all items at the projects, multi-projects and portfolio levels.



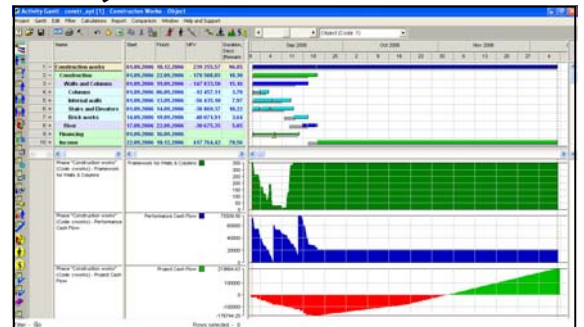
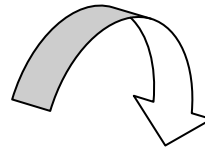
Spider Project simulate not only expenses and consumptions, but also revenues, production and supplying.

Spider Project leveling algorithms calculates resource constrained scheduling taking into account not only the resource limitations, but also the financial and material limitations. These constrains may be applied both to total cost and any other cost components or centers, resource, and material centers.

## Procurement Management



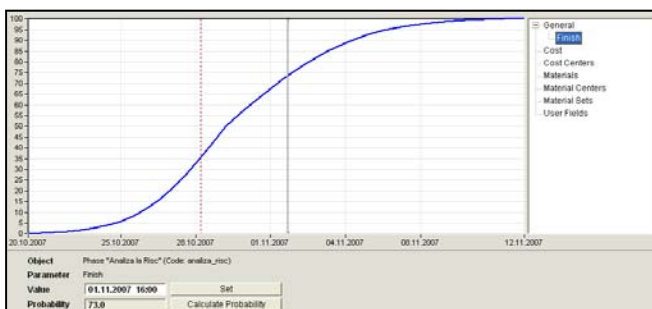
Spider Project has the most advanced resource constrained scheduling algorithm in the world, allowing to make justified and verified project decisions and to obtain the most comprehensive information about the projects under execution .



Procurement Management enables you to enter and track information for procurement items and the related scope items that make up the procurement item including materials, equipment or manpower. Spider Project provides the flow for any item and the impact on the dates, costs, NPV, IRR and Payback Period. .

The Resource Constraint Schedule will give the forecast for the lack of procurement items in terms of time and quantity and helps to define the right data in order to avoid delays and costs overruns.

## Risk Management



Spider Project simulates not only uncertainties, but also the risk events, allow to create optimistic, most probable and pessimistic scenario.

Spider Project calculates target dates, material consumption and costs that can be achieved with the user defined probabilities.

Defining Project target data (dates, costs, material requirements) the users acquire information on probability of their successful achieving and reserves that exist on any of project activities.

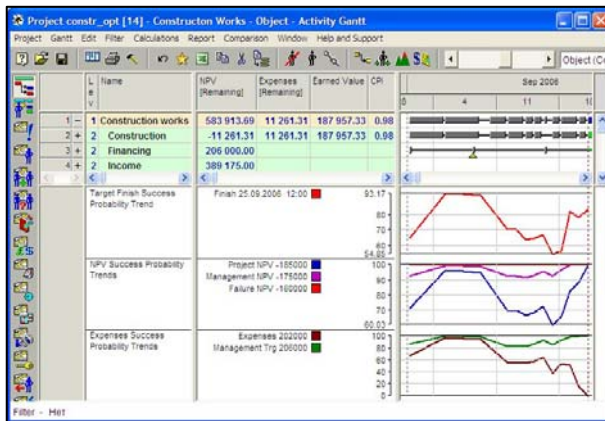
During project execution Spider Project control current success probabilities (CSP). .

**The Current Success Probability trends are the best tools for analyzing project performance.**

# Running the Projects Faster, Better, and at Lower Cost



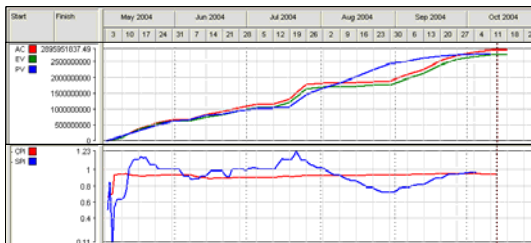
## Project Performance Measurement



Project performance measurement system implemented in Spider Project **monitors not only time but also volumes of work that had been done, materials and money spent. This allows to accurately monitor the work reports and payments.**

Spider Project users can get the reports on project execution for any user defined period of time .

## Earned Value Analysis

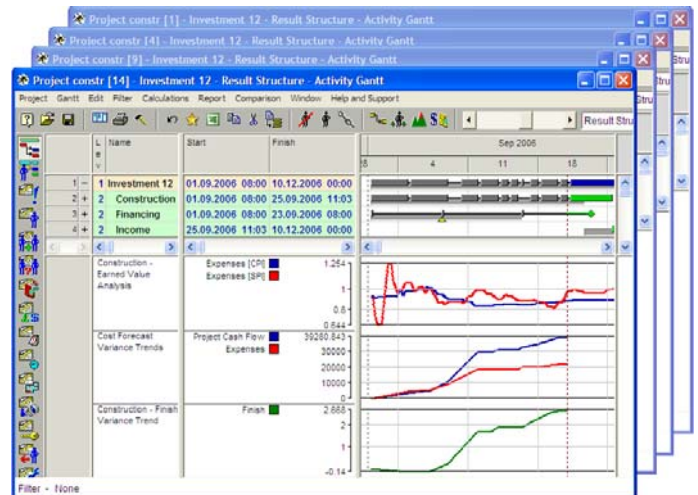


Spider Project not only calculates current Earned Value indicators but also keeps the history and provides project managers with their historical trends and forecasts.

Spider Project users can apply Earned Value Analysis not only to the total project cost but also to any cost component, cost center, material and material center.

## Managementul Arhivelor Proiectului

Spider Project records an unlimited number of project versions (baselines), allowing to create unlimited what-if scenarios and to work with the project archives. It can compare any 2 versions of the same project. This feature permits to **estimate not only project status but also project trends, to estimate project performance for any period.**



## Integrated Project Management for the Enterprise

- Project and Multi Project Management
- Portfolio Management
- Resource Management across the organization
- Easy to use and very flexible
- Resource Critical Path (Critical Chain), together with Critical Path Analysis
- Risk Analysis using The Three Scenarios Approach
- Full Integration with ERP Systems
- Open Architecture

### Business Manager:

- Project performance analyze using Success Probability Trends
- Define project priorities

### Project Manager:

- Feasible, realistic plans, taking into account all the aspects and project constraints
- Allocate resources (people, materials, financing) efficiently
- Tight project monitoring and control from the initiation to closing
- Rapidly analyze the "health" status of the projects
- Reduce significantly the projects risks

## Project Management Integrated System