

Spider Project Professional Data Sheet



Spider Project is an integrated tool that includes everything that is useful for advanced project, program and portfolio management.

INITIAL DATA

Power	<ul style="list-style-type: none"> • Unlimited Number of Activities, Resources, Dependencies, Calendars, etc. • Everything is unlimited
Structures	<ul style="list-style-type: none"> • Unlimited Number of PBS, WBS, OBS, RBS, MBS, CBS • Unlimited Number of Levels in All Structures
Costs	<ul style="list-style-type: none"> • Unlimited Number of Cost Components and Currencies • Multiple costs for same activities and resources • Calculated Cost Components • Cost Centers • Separate Discounting Rates for Cost Components • Cost Periods
Calendars	<ul style="list-style-type: none"> • Activity, Resource, Dependency Lag Calendars
Activities	<ul style="list-style-type: none"> • Duration and Productivity Driven, Hammocks, Milestones, Switches • Continuous, Splittable, Scalable, ASAP/ALAP • Activity Costs (fixed, per work hour, per work unit)
Dependencies	<ul style="list-style-type: none"> • FS, SS, FF, SF with Lead/Lags • Strict and Double Dependencies • Time and Volume Lags • Multiple Links between two activities
Resources (renewable)	<ul style="list-style-type: none"> • Resource Costs and Material Consumption per work hour • Resource Crews (Multiresources) • Resource Skills • Resource Centers • Resource Production and Consumption
Resource Assignments	<ul style="list-style-type: none"> • Resource, Multiresource and Skill Assignments • Resource Assignment Productivities • Resource Assignment Costs (fixed, per work hour, per work unit) • Resource Assignment Material Consumption (fixed, per work hour, per work unit) • Partial and Variable Resource Assignments
Materials	<ul style="list-style-type: none"> • Material Costs • Material Centers • Material Production and Consumption
User Defined Fields	<ul style="list-style-type: none"> • Any number of User Defined Fields • Any Formulae for UDF Calculation • User Defined Graphical Indicators (Street Lights)
Corporate Reference-books (Databases)	<ul style="list-style-type: none"> • Standard Resource Crews • Resource and Crews Productivities on Typical Assignments • Material Consumption per Work Unit for Typical Activities and Assignments • Work Unit Costs for Typical Activities and Assignments • Any Other • Typical Fragment Library

PROJECT / PORTFOLIO PLANNING

Project Scheduling	<ul style="list-style-type: none"> • Critical Path Method • Quantity Based Scheduling • Conditional Scheduling • Forward and Backward Scheduling • Free Float, Total Float, Super Float, DRAG • Shift Work Simulation
Resource Leveling	<ul style="list-style-type: none"> • Resource Constrained Schedule Optimization • Resource Critical Path (Critical Chain) Calculation • Resource Constrained Schedule Stabilization • Material Constrained Scheduling • Cost Constrained Scheduling • Project, Phase and Activity Priorities • Skill Scheduling with User Defined Resource Priorities • Resource Dependencies • Activity Resource Constrained Floats • Resource Assignment Floats

Project / Portfolio Budgeting	<ul style="list-style-type: none"> • Multiple Budgets with Multiple Cost Components and Multiple Currencies • Simulation of both Financing and Expenses • Project / Portfolio Cash Flow Calculation with Discounting • NPV, IRR and Payback Period Calculation for Projects and Portfolios
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Risk Simulation	<ul style="list-style-type: none"> • Optimistic, Most Probable and Pessimistic Scenarios • Portfolio, Project and Phase Duration Probability Curves • Portfolio, Project and Phase Budget Probability Curves • Portfolio, Project and Phase Material Consumption Probability Curves • Meeting Target Dates and Budgets Probabilities • Setting Reliable Project / Portfolio Time and Cost Buffers • Critical Schedule Calculation
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DATA PROCESSING

Filters	<ul style="list-style-type: none"> • Any Filter on Project / Portfolio Fields and Hierarchical Sorting • Activities without Predecessors and without Successors • Activity Predecessors/Successors • Selected Dependencies
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Formulae	<ul style="list-style-type: none"> • Formulae that may link any fields and cells including UDF • Recursive Formulae
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PROJECT PERFORMANCE ANALYSIS

Project Schedule and Budget	<ul style="list-style-type: none"> • Project Archives • Any Number of Project / Portfolio Baselines • Trends of Project / Portfolio Parameters • Comparing Any Two Versions of Project / Portfolio • Earned Value Analysis for Costs, Volumes of Work, Materials, UDF • Trends of Earned Value Data
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Risk Analysis	<ul style="list-style-type: none"> • Current Probabilities to Meet Project Targets and Success Probability Trends • Project Time and Cost Buffers Penetration Analysis
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PROJECT / PORTFOLIO REPORTS

Portfolio / Project Graphical Reports	<ul style="list-style-type: none"> • Project, Activity, Resource and Material Gantt Charts • PBS, WBS and RBS Org Charts • Network Diagrams • Linear Diagram (Time-Location Chart) • Portfolio, Project and Phase S-curves, • Cost Histograms and Cash Flows • Resource Histograms • Resource Overload Bar • Material Histograms and Material Flows • User Defined Fields Histograms • Probability Curves • Portfolio / Project Truncation • Earned Value Graphical and Tabular Reports • Portfolio / Project Parameter Trends Graphical and Tabular Reports • Out of Sequence Activities Report • Success Probability Trends Graphical and Tabular Reports • Trends of Any Parameter Graphical and Tabular Reports • Comparative Portfolio, Project, Activity, Resource, and Material Gantt Charts • Comparative Linear Diagram • Performance Reports for Any Time Interval
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Tabular Reports	<ul style="list-style-type: none"> • Any tabular report on planned and actual portfolio, project, phase, activity, resource, material, cost data and user defined fields for any period, including user defined
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OTHER TOOLS

- Script Language
- Multiple Project and Portfolio Configurations
- Unlimited Undo's and Protocol of Actions
- Performance Archives
- Portfolio and Project Access Rights
- Search and Replace
- Customizable Report and Print Templates
- Conditional Gantt Chart bar colors
- Time Scale from minutes to years
- Work with Multiple Windows
- Export/Import to/from Excel, Text, MS Project xml, Primavera xer, mpx, MS SQL Server and Oracle databases

Nothing is impossible