#### Risk Matrix



Project Summary with Risks and Uncertainties

Parts -: Brids	2 10 2 1 2 10 2 1 3 10 2 1 4 10 2 1 4 10 2 1 5 10 2 10 1 5 10 2 10 1 5 10 10 10 10 10 10 10 10 10 10 10 10 10	8 9 I		at honore (ed and it	<b>N</b> (40)		2 Dates St		Project Settings Project Options Format Gants Sa Frage and Caller	Manapa		
Analite 1 Paperview (A pi ferrers d toractions pi rest.			ing Lanan Haripripert Nating 7	un b						South Same		
Riska -	Page 1 Feature	NOM O		Front Middled 641	10.0				_ ``	1.45	1	
• Inclusion			Paget line		- location	(Inspect Facial Ter		a Propert Law	_	upol koone	Pages Park	-
	10 100		101012-000	12.041		Spring 1.42	10.00					
Construction of the local division of the lo	rvin kara	Ann	10/0/10/00	12135 (601		Description of Co.	100,000					
texturyouth	Paged Same		10.25	ParantiDana	275		or charges.	30		ABARDAD	27.00	
<ul> <li>Day V Day Kat</li> <li>Bigation, Property</li> </ul>	-		Cost will be loss if we	16.66276		Cold International Property Street			6.0	Parat Alberto	e sell belies, than US	10
processory and							anna Carin	200			0	-
to income	140-							175				-15
N 10 10 1	125 -			100				374				- 100
A second	- 10			-	-	_		173				-
Analysis -				26	-	_		105	-			- 154
C Smittert			_			_		179			14	
• hattens:				-05	*			126	41-			- 05
			- 1	- 25	ж.	_		- 15	ж.			
di Califoni				-15	-			45	24-			-2%
Timality losiyee	<i>n.</i>			- 00	10.			2%				-2%
1 Dec Card	21.000	-	100 100.000 10		0-271			- 05	2.	-	10.00 10.00	100
Servers fate				Cer it.		Peter 100 - 100					Curation (	
						God en Ourniter Ito					ala ke listeti	

Risk Dashboard

-			
Feature	Lite	Prof	Enterprise
Project and Portfolio Planning and Scheduling			
Portfolio hierarchy and portfolio Gantt Chart			•
Gantt Chart for project schedules	•	0	•
Resource and work management	•	•	•
Project cost management	•	•	•
Constraints and deadlines	•	•	•
Multiple project, task, and resource calendars	•	•	•
Risk Management			
Risk Register (risks and issues, threats and opportunities, open	•	•	•
and close risks, risk properties, risk probabilities, impacts, and			
scores, search and filter risks based risk properties) Customizable risk form: easily input risk information	•	•	•
Customizable Risk Matrix (risk probability vs. impact)	č	ě	ě
Risk Trend Chart: how risks are changing over time	č	ě	ě
Risk reviews and risk history	ŏ	ŏ	ě
Risk approval process		•	ě
Schedule and non-schedule risks (safety, quality, technology,	0	•	
legal, etc.)	•	•	•
Share risk register among different projects, org. units			0
Risk mitigation analysis	•	0	Č.
Rank projects within a portfolio based on risk exposure	-		Č.
Customizable risk categories and outcomes	•	0	Č.
Risk Drag'N'Drop: easily assign risks to tasks or resources	•	ě	Č.
Customizable Risk Dashboard: multiple charts and KPIs	0	Č.	Č.
Risk correlations		Ó	ě
Quantitative Risk Analysis using Monte Carlo Simulations			
Risk events for tasks and resources (fixed or relative delay,	0	0	•
fixed of relative cost increase, task restart, cancel task, etc.)			~~=~
Global (for all tasks and resources) and local risks	•	0	•
Multiple statistical distributions for task duration, cost,	In MS	•	•
start time, and lags (Uniform, Triangular, Normal, Lognormal,	Project		
Exponential, Rayleigh, Gumbel, Beta, BetaPert, Discrete, Custom,	Addin		
and others)			
Conditional branching (If-Then-Else analysis) and		•	۹
Probabilistic branching Probabilistic calendars			
Cost and cash flow analysis with risks and uncertainties		0	•
Success rate analysis for tasks and projects		ě	-
Sensitivity analysis (analysis how uncertainties affect project		ě	
duration, cost, finish time, and success rate)		•	•
Analysis of risk mitigation using multiple baselines		•	•
Reporting tools			
Customizable histograms and cumulative probability plots	In MS	•	•
(task or project duration, start and finish times, cost, work,	Project	•	•
resource allocation, income and revenue)	Addin		
Result Gantt view (compare original project schedule with risk	•	0	•
adjusted project schedule)			~~~~
Optimistic and pessimistic project portfolio view			•
Customizable risk reports	•	0	•
Report views: Cash flow, Critical risks; Crucial task,		•	0
Success rate, and others			
Customizable Project Dashboard: multiple charts and KPIs		•	•
Other features	- 1997 - 19		
RiskyProject Add-in for Microsoft® Project	0	•	•
Integration with Microsoft® Project Server	100000	(and the second s	
Integration with Oracle® Primavera and other scheduling	0	•	•
software	1 A A A A A A A A A A A A A A A A A A A	-	
Project performance measurement with uncertainties	0	•	•
Organizational breakdown structure, multiples users with			•
different roles and permissions			
Notification by email about incoming risk review and changes of risk status			•
changes of fish status		I	1

# **RiskyProject Project Planning with Confidence**



## Project Risk Analysis and Risk Management Software Suite

Intaver Institute Inc. 4280 East Tamiami Trail, 302-M, Naples, Florida, 34112, USA Tel: (510) 984 3527

400, 7015, Macleod Trail S. Calgary, Alberta, Canada, T2H2K6 Tel: (403) 692-2252 Fax: (403) 259-4533



e-mail: sales@intaver.com



#### Monte Carlo Schedule **Risk Analysis** inside **Microsoft Project or** standalone

#### **Project Risk** Management: Risk Register and gualitative risk analysis

#### **Integration** with Microsoft Project,

Microsoft Project Server, Oracle Primavera or other project software

#### **RiskyProject Enterprise:** Manage risks

across a company

**Risk Register** 

M · M	8.945	ANNOUSE TRACKING REPORT	104p		ional - [U]	Pasines/Plan_Tock2]						- 6	70
Topboard	81	Post Post Report Report Reports Add		a Ena	Prin C	Mesiate Fox	De Roch De Roch Strate Do	igenet	taka -	Pok Farm	Trobability Wate and Impact Diap Property	am.	tw Hata
Wantes X		Film Stow Al	I II 🦷	la 🛔	Nerarchy b	ased on: No Recarchy					Pre-Pre	Highler	Descine
Schedule -									Pre-3	Earlin			
E Project View		Rek Name -	Cewi -	Dakler -	DentiC +	Rek Assigned To	- Prote -	les - I	See -	Scere V	Cost (Pre-V) =	Dea -	Inpect
git Resources		Drive in Financing	Open	First.	J. Torest	Test 15 Acquisition of Final	e 4	4	18		\$11,394	4	4
Cost and boxine	2	Net enought information about competitions	Open	Fish.	- Tread	Assigned to 3 tasks/resour	ci 5	2	18		\$2,604.15	5	2
25 704	3	Other rake, related to the project.	Open	Rak	- Treat	All tasks (pbbs)	2	. 4	۵.		\$13,584	2	4
-	4	Field affecting whole companyithision	Open	File	d Treat	Ad tasks (pbbs)		2	2		\$4,672.27	1	2
Risks -	5	Elected name is lation	Open		÷	Tesh 28 Establish None an		1	2		85,975.98	2	1
Reckspace		Beley in palant and trademark search	Open		A Treat	Task 20 Establish Nome an		- 8	2		\$3,768.28	2	1
Tel Risk Coshboard	7	Cost information is not available	Open		- Treat	Assigned to 2 tasks/resour					\$0.00	1	
(i) This Report	-	Delay in getting level advice     Lock of knew ledge of the specific area	Open		L Towns	Task 29: Determine the legal All resources (phbal)					55.00		
<ul> <li>Rek Assignments</li> </ul>	-	<ul> <li>Lack shrink wedge on the specific area</li> <li>Not enough data to analyze demand level</li> </ul>	Open		1.77	Task 21. What is the deman					50.00		
<ul> <li>Drag N Drag Risk</li> </ul>	-	Not enough data to plan management of der Not enough data to plan management of der			L Treat	Task 22. Here will sturmen					50.00		
	12	Protect and here	1.000		1	Test 58 Hiring of key might					84.00	1.1	
🔎 tiligaton, Response	12	Descurre Date	Contra			an in order of a set					52.00		
💯 Assign Million	14	Steffiturnover	Open	First.	de Treat	Al resources (pbbal)					50.00		
D Ret Salue													
Real Property													
In Real Trans													
an Trand													
Analysis -													
Result Cent	4												- 2
	0	Default Properties											

Monte Carlo Schedule Risk Analysis



### What is RiskyProject?

RiskyProject is a complete suite of project risk analysis and project risk management software in one seamless package. It is easy to use, it integrates with all popular scheduling and planning tools, and it covers the complete risk life cycle, all at a market leading price. With RiskyProject, you no longer need two or more applications to perform Monte Carlo project risk analysis and to manage your risks.

#### **RiskyProject Benefits**

- Manage your project risks and issues: Identify and track risks and issues using the Risk Register.
- Predict the course of your project: Determine how risks and uncertainties will affect your project schedule and budget.
- Instantly see which project parameters are the most critical: Project start and • finish dates, durations and costs with and without factoring in risks, crucial tasks, critical risks, and project success rates.
- Improve your ability to manage the course of your project: Track project performance and risk together and analyze the effects of your mitigation efforts.
- Analyze and manage risk in your project portfolio: share risks within your • organization and analyze their impact of different projects within a portfolio.

#### **RiskyProject Features**

- Schedule risk analysis using Monte Carlo simulations helps determine the impacts of risks and uncertainties on your schedule and generates risk-adjusted project schedules.
- Cost and cash flow risk analysis is integrated with schedule risk analysis. Cost and cash flow charts provide you easy access to how risk can impact cost and revenue streams. The joint confidence level chart allows you to analyze project duration and cost including time and non-time dependent costs.
- Sensitivity analysis helps to rank risks within a risk register and to determine crucial tasks. Interactive tools can help you assess project contingency and analyze multiple project scenarios.
- Risk Register covers the entire risk life cycle for project, program or portfolio • risks: threats, opportunities, issues, and lessons learned with their properties. You can rank risks within the risk register based on their probabilities, impacts, and scores. Risks from risk register can be quickly linked to project task and resources using the Risk Drag'N'Drop View.
- Project risk management process includes: risk identification and analysis, • mitigation and response planning, and risk communication. RiskyProject includes risk reviews and risk history. You can assign any documents to the risks. RiskyProject will notify you about any changes to risk properties.
- RiskyProject's risk register includes schedule-related and non-schedule risks. • These risks can not only affect project schedule and cost, but also performance, safety, and security, among other risk categories.
- You can create and assign risk mitigation and response plans to any risks and determine what impacts they might have on the project schedule and ranking risks within the risk register.
- Using RiskyProject Enterprise, you can perform a project portfolio risk analysis and risk management. The risks from the organization-wide risk register can be assigned to different projects and within a specified project to different tasks and resources. RiskyProject Enterprise supports your project portfolio hierarchy and allows you to rank projects within a portfolio. RiskyProject Enterprise also provides a common depository of response and mitigation plans.
- RiskyProject Enterprise includes user management functionalities, user roles and • permissions.
- RiskyProject allows you to report results of Monte Carlo schedule risk analysis in customizable histograms and charts. RiskyProject also offers project risk management reporting, and includes fully customizable risk dashboard.

#### **RiskyProject is used in** these industries:

Aerospace and Defense Information Technology **Engineering and Construction** Manufacturing Pharmaceutical

Healthcare

Oil and gas

Banking and finance

Mining

... and many others





Probabilistic Cost Analysis



#### **Scalable Solution**



#### Risk Adjusted Project Schedule



RiskyProject comes in three configurations:

• RiskyProject Lite: Monte Carlo schedule and cost risk analysis

**RiskyProject Professional:** Schedule and cost risk analysis and risk management in one package

 RiskyProject Enterprise: Manage risks and uncertainties across your organization and share risk registers and projects. This includes RiskyProject Risk Register - an easy-to-use tool to view and manage your risk register

#### **RiskyProject Enterprise**

#### **RiskyProject Integration with Third-Party Software**

RiskyProject includes complete scheduling capabilities, which allows you to create and modify project schedules. In addition, RiskyProject seamlessly integrates with Microsoft® Project so that you can run schedule and cost risk assessments. These assessments can be undertaken directly in Microsoft® Project, or you may effortlessly export your schedule into RiskyProject for more comprehensive risk analysis and management.

RiskyProject can import schedules from other popular scheduling software, including Oracle® Primavera. RiskyProject can also import risks and their properties from Microsoft Excel. Results of project risk analysis, including risk-adjusted project schedules, can be exported into such common software platforms as Microsoft Excel and Microsoft PowerPoint, as well as to Microsoft Project and other project management software.

#### **RiskyProject Risk Analysis Workflow**

- Create a project schedule in RiskyProject, Microsoft Project, Microsoft Project Server, or other project scheduling software
- Enter risks in the Risk Register and assign them to tasks or resources
- Add Low and High estimates for schedule and cost
- Run Monte Carlo Risk Analysis
- Analyze results: Compare main project parameters with and without risks, identify crucial tasks, critical risks and project success rates, and calculate the chance that your project will be completed on time and within a set budget • Track project performance with risks and uncertainties