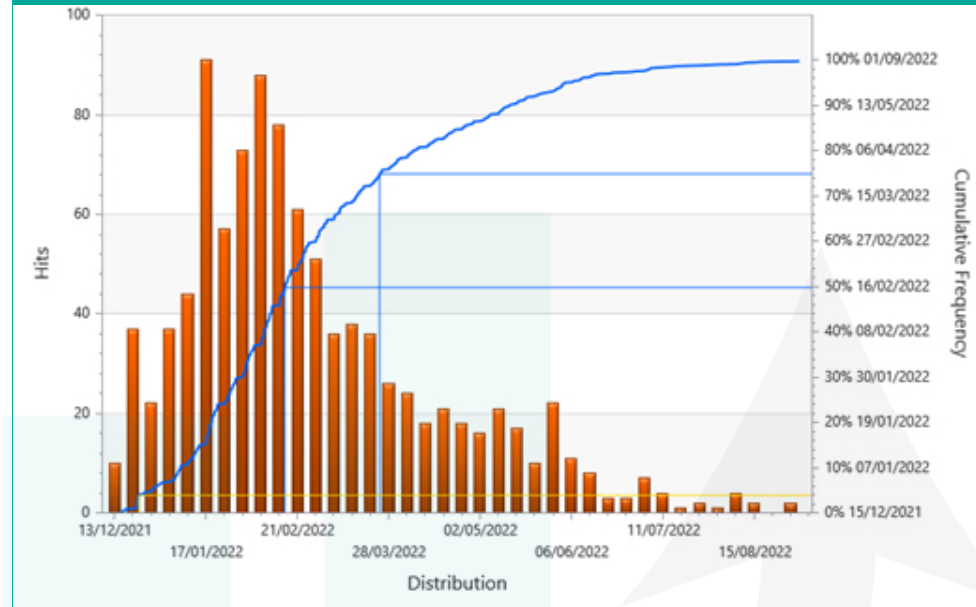


WHAT IS SCHEDULE RISK ANALYSIS?

Schedule Risks Analysis (SRA) is part of the Quantitative element of Risk management and Analysis. Once a schedule has been created, reviewed, and verified statistical techniques will be applied to test the level of confidence in meeting the completion dates given the identified risks.

SRA uses Monte Carlo which uses a random sampling calculation to obtain a range of results (probability distribution).

SCHEDULE RISK ANALYSIS



WHAT ARE THE BENEFITS?

- Develop a position to negotiate risk ownership
- Improve the quality of the project schedule and focus on areas requiring mitigation
- Assist in making informed decisions



Register

Drag a column header here to group by that column

Risk				Current				Mitigation				Mitigated				Custom Fields	
Enabled	Abstr...	ID	Type	Sh...	Probability	Schedule	Cost	Score	Enabled	Duration	Cost	Probability	Schedule	Cost	Score	Owner Email	
<input checked="" type="checkbox"/>		R001			Low	Medium	Negligible	6	<input checked="" type="checkbox"/>	0d	£0	Very Low	Medium	Negligible	6		
<input checked="" type="checkbox"/>		R032			High	Medium	Negligible	12	<input checked="" type="checkbox"/>	0d	£0	Medium	Low	Negligible	6		
<input checked="" type="checkbox"/>		R031			High	High	Negligible	16	<input checked="" type="checkbox"/>	0d	£0	Medium	Medium	Negligible	9		
<input checked="" type="checkbox"/>		R030			Medium	Low	Negligible	6	<input checked="" type="checkbox"/>	0d	£0	Low	Low	Negligible	4		
<input checked="" type="checkbox"/>		R029			Medium	Medium	Negligible	9	<input checked="" type="checkbox"/>	0d	£0	Low	Low	Negligible	4		
<input checked="" type="checkbox"/>		R028			Medium	Low	Negligible	6	<input checked="" type="checkbox"/>	0d	£0	Low	Low	Negligible	4		
<input checked="" type="checkbox"/>		R027			Medium	Medium	Negligible	9	<input checked="" type="checkbox"/>	0d	£0	Low	Medium	Negligible	6		
<input checked="" type="checkbox"/>		R026			High	High	Negligible	16	<input checked="" type="checkbox"/>	0d	£0	Low	Medium	Negligible	6		
<input checked="" type="checkbox"/>		R025			Low	Low	Negligible	4	<input checked="" type="checkbox"/>	0d	£0	Very Low	Very Low	Negligible	4		
<input checked="" type="checkbox"/>		R024			Low	Medium	Negligible	6	<input checked="" type="checkbox"/>	0d	£0	Low	Low	Negligible	4		
<input checked="" type="checkbox"/>		R023			Low	Low	Negligible	4	<input checked="" type="checkbox"/>	0d	£0	Very Low	Very Low	Negligible	4		
<input checked="" type="checkbox"/>		R022			Medium	Low	Negligible	6	<input checked="" type="checkbox"/>	0d	£0	Very Low	Very Low	Negligible	4		
<input checked="" type="checkbox"/>		R021			Low	Medium	Negligible	6	<input checked="" type="checkbox"/>	0d	£0	Very Low	Very Low	Negligible	4		
<input checked="" type="checkbox"/>		R020			Low	Medium	Negligible	6	<input checked="" type="checkbox"/>	0d	£0	Very Low	Very Low	Negligible	4		
<input checked="" type="checkbox"/>		R019			Low	Medium	Negligible	6	<input checked="" type="checkbox"/>	0d	£0	Very Low	Very Low	Negligible	4		
<input checked="" type="checkbox"/>		R018			Low	Medium	Negligible	6	<input checked="" type="checkbox"/>	0d	£0	Very Low	Very Low	Negligible	4		
<input checked="" type="checkbox"/>		R017			Low	Low	Negligible	4	<input checked="" type="checkbox"/>	0d	£0	Very Low	Very Low	Negligible	4		
<input checked="" type="checkbox"/>		R016			Low	Low	Negligible	4	<input checked="" type="checkbox"/>	0d	£0	Very Low	Very Low	Negligible	4		

Duration

Details Mappings Mitigation Steps

Mappi Current				Mitigation				Mitigated											
R...	Activity	Min Proba...	Max Proba...	Min Durati...	Most Likel...	Max Durat...	Min Cost	Most Likel...	Max Cost	Duration	Cost	Min Proba...	Max Proba...	Min Durati...	Most Likel...	Max Durat...	Min Cost	Most Likel...	Max Cost
349...		50%	75%	9d		27d	£0			0d	£0	25%	50%	3d		9d	£0		
350...		50%	75%	5d		14d	£0			0d	£0	25%	50%	2d		5d	£0		
351...		50%	75%	0d		1d	£0			0d	£0	25%	50%	0d		0d	£0		
329...		50%	75%	5d		14d	£0			0d	£0	25%	50%	2d		5d	£0		
337...		50%	75%	9d		27d	£0			0d	£0	25%	50%	3d		9d	£0		
341...		50%	75%	2d		7d	£0			0d	£0	25%	50%	1d		2d	£0		

WHEN IS THE RIGHT TIME?

Typically at the prior to the end of each reporting period in line with the required reporting cycle, although can be run at anytime.

Particularly useful when developing bids to demonstrate the potential impacts and level of contingency required on a project.

WHAT OUTPUTS DO WE PROVIDE?

Depending on the clients' requirements several outputs can be provided:

- Risk Registers
- Probability Impact Diagram
- Confidence Level Charts
- Pre & Post mitigation Distribution charts
- 'P' Factor Schedules
- Risk Drivers
- Risk Sensitivity
- Critical Schedule Drivers

HOW DO WE DELIVER THIS SERVICE?

Xacom utilizes Oracle Primavera Risk Analyser (PRA) and Deltek Acumen® Fuse Risk to run Schedule Risk Analysis.

To run the analysis Xacom needs the following information to be provided:

- Schedule
- Risks fully assessed and 3 point estimates
- Risk mapping to the relevant schedule tasks

Xacom can assist in setting up and collating the required information if required.

For programmes of a sensitive nature, we recommend that the task descriptions are re-labeled to numeric values.



CONTACT US

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OTHER CAPABILITIES

- Schedule Risk Analysis
- Schedule Development
- MS Project to Primavera P6 File Conversions
- Schedule NEC₃ / NEC₄ Compliance Reviews
- Schedule Integration
- MS Project Training
- Primavera P6 Training
- Earned Value Management Implementation
- Earned Value Management Reviews
- Earned Value Analysis
- APMG Earned Value Management Training
- APMG Project Planning & Control Training
- Risk Reviews & Analysis
- Cost Risk Analysis
- Risk Management Implementation

