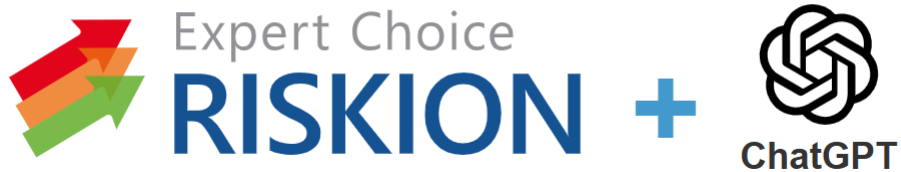




EXPECT BETTER RISK MANAGEMENT

with Faster Implementation and Benefits



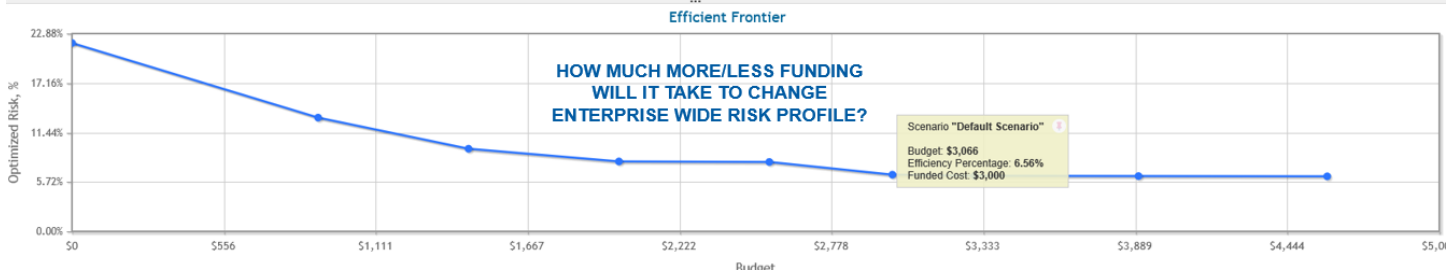
ARM SENIOR LEADERSHIP WITH DATA ANALYTICS THAT SHOW HOW RISK REDUCTION STRATEGIES AND TACTICS DELIVER AGAINST STRATEGIC OBJECTIVES.

- > Multi-faceted views of risk at all levels of the enterprise.
- > Turn your list based security tools into plans of action.
- > Get reliable measures for risk likelihoods and impacts.
- > Know which control sets best reduce risk at a given budget.
- > Optimize risk strategies and controls for calendar, resource, and other constraints.

EFFICIENT FRONTIER

SEE HOW MUCH YOU CAN REDUCE RISK AT VARIOUS BUDGET LEVELS

Index	Controls/Budget	\$0	\$1,022	\$1,533	\$2,044	\$2,555	\$3,066	\$3,577	\$4,088	\$4,599
	Risk with Selected Controls, %	21.79%	13.16%	9.56%	8.09%	8.03%	6.56%	6.43%	6.40%	6.37%
	Funded Cost	\$0	\$900	\$1,450	\$2,000	\$2,550	\$3,000	\$3,300	\$3,900	\$4,590
1.	IA-2(5) (5) IDENTIFICATION AND AUTHENTICATION GROUP AUTHENTICATION		FUNDED	FUNDED	FUNDED	FUNDED	FUNDED	FUNDED	FUNDED	FUNDED
2.	IA-2 (6) IDENTIFICATION AND AUTHENTICATION NETWORK ACCESS TO PRIVILEGED ACCOUNTS - SEPARATE DEVICE							FUNDED	FUNDED	FUNDED
3.	IA-2 (7) IDENTIFICATION AND AUTHENTICATION NETWORK ACCESS TO NON-PRIVILEGED ACCOUNTS - SEPARATE DEVICE		FUNDED	FUNDED	FUNDED	FUNDED	FUNDED	FUNDED	FUNDED	FUNDED
4.	IA-2 (10) IDENTIFICATION AND AUTHENTICATION NO SINGLE SIGN-ON							FUNDED	FUNDED	FUNDED
5.	IA-2 (13) IDENTIFICATION AND AUTHENTICATION OUT-OF-BAND AUTHENTICATION				FUNDED	FUNDED	FUNDED	FUNDED	FUNDED	FUNDED
6.	AC-1 ACCESS CONTROL POLICY AND PROCEDURES				FUNDED	FUNDED	FUNDED	FUNDED	FUNDED	FUNDED
7.	AC-4 INFORMATION FLOW ENFORCEMENT				FUNDED	FUNDED	FUNDED	FUNDED	FUNDED	FUNDED
8.	IR-3 (1) INCIDENT RESPONSE TESTING AUTOMATED								FUNDED	FUNDED
9.	AC-2 ACCOUNT MANAGEMENT									
10.	AC-3 ACCESS ENFORCEMENT									
11.	AC-5 SEPARATION OF DUTIES						FUNDED		FUNDED	



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COMPLIANCE IS IMPORTANT, BUT YOUR RISK FRAMEWORK SHOULD ALSO DELIVER A RISK ROAD MAP THAT SHOWS HOW TO MEASURABLY REDUCE RISK TIED TO YOUR STRATEGIC OBJECTIVES.

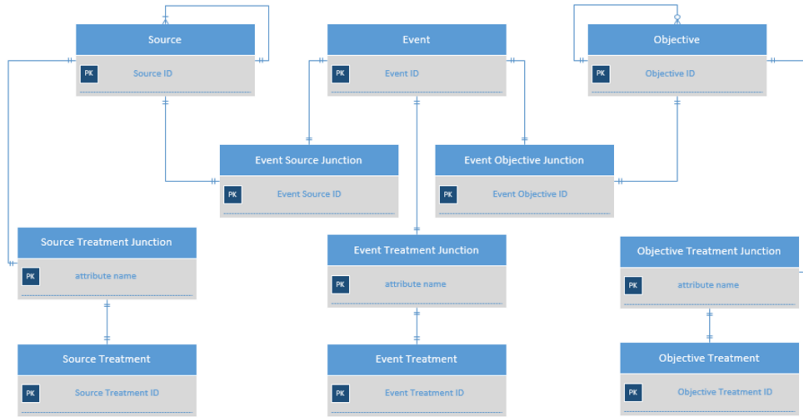


ROI EFFECTIVENESS OF ENTERPRISE RISK MANAGEMENT

Risk Impacts	Risk w/o Controls	Risk w/ Controls	Δ (Risk reduction)	Control Cost
Risk Profile	-----	-----		
Total Risk (Average Loss) with 9 Selected Controls	\$232.02	\$77.79	\$154.23	
VAR 5% Probability that worst case st loss >	\$611.24	\$260.68	\$350.55	\$19.60
VAR Probability of st loss is >-\$500M	5%	2%	3%	



Comprehensive analytics and visuals able to accommodate risk interrelationships

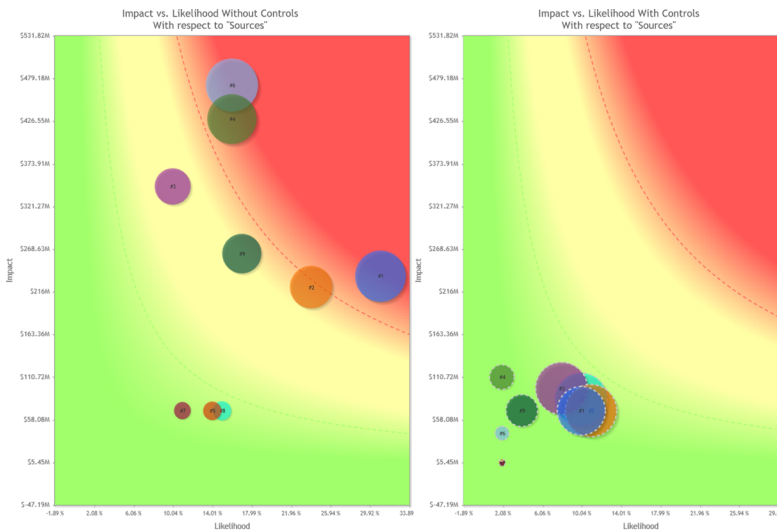


Comprehensive and correct relative measures

- Scientifically valid quantitative measures of risk** aligned to strategic, operational, and budgetary planning processes
- Ratio scale measurement methods** for both tangible and intangibles
- The ability to **optimize mitigation choices** subject to a variety of constraints such as resource limitations and acceptable levels of accepted risk

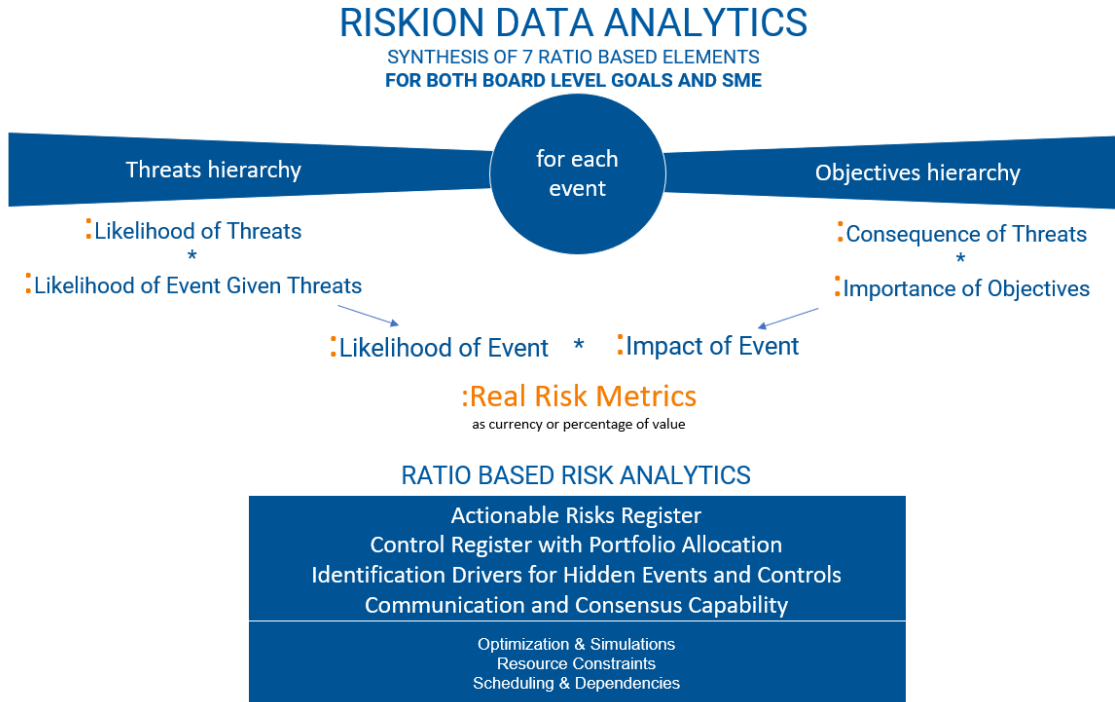
VISUALIZE RELATIVE RISK AND REDUCTION POTENTIAL WITH RISKION HEAT MAPS. STOP USING MISLEADING, LIST-BASED GRC HEAT MAPS THAT DO NOT MEASURE RISK.

FOR CURRENT SCENARIO WITH PROPOSED CONTROLS YOU CAN'T MANAGE RISK W/O MEASURING RISK



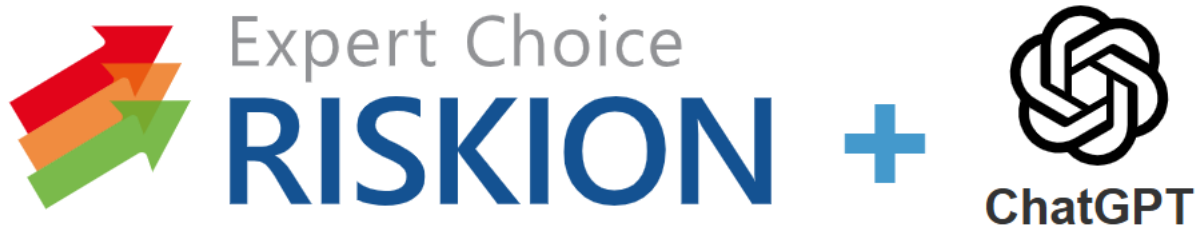
RISK DATA ANALYTICS - DATA SYNTHESIS YOU CAN RELY ON

Riskion helps you to structure your risk assessment to ensure you collect meaningful data on the 7 key elements of risk—including impact on objectives, while letting you retain your existing risk terminology.



JUMP START YOUR OBJECTIVE DRIVEN RISK ANALYSIS WITH AI

Use Expert Choice AI Wizard along with any custom or formal risk assessment framework to jump start your Enterprise Risk Analysis. Use your existing risk framework alone, or pair it with EC's AI wizard capability to let your team structure a comprehensive risk model.



You can use generative AI to help compose your model.

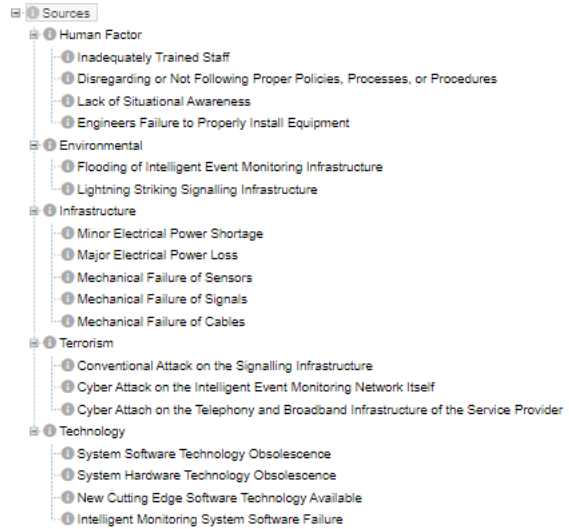
To start, please open [AI Wizard](#)



A CUSTOMIZED OBJECTIVES HIERARCHY



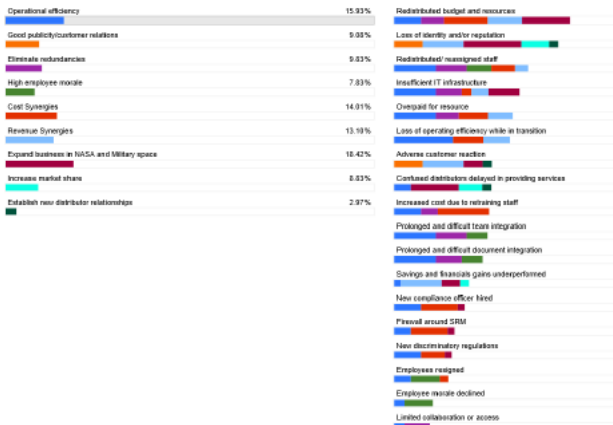
FOR CURRENT SCENARIO



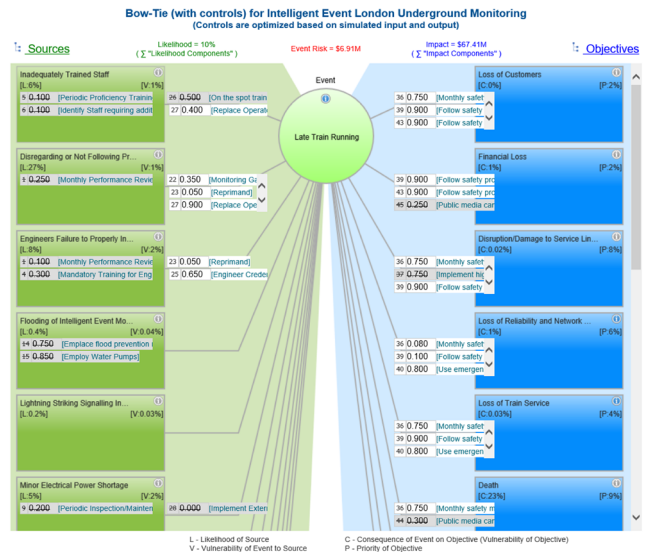
ACCURATE & MEANINGFUL RISK ASSESSMENT FOR COMMAND AND CONTROL

Riskion's structured risk register, hierarchy, and bow-tie visuals give measurable insight into measures of EVERY ELEMENT of your risk management framework. From event likelihoods and impacts, to how treatments can be applied to reduce risk for sources, events and consequences. Riskion lets you see how priorities are derived across your organization, by stakeholder group, or individual. Transparency into objectives and their priorities drives compromise and communication.

RISK EVENT IMPACTS ON OBJECTIVE COMPONENTS



NIST OBJECTIVES SHOWN WITH CUSTOM FOR CONTROL IMPACT ANALYSIS



RISKION BENEFITS:

- > Structured, easy-to-use process and visual reporting
- > Seamless collection & tracking of team risk inputs via web-interface, by roles
- > Transparently shows risk reduction recommendations by team, group, or individuals
- > Improve identification of objectives and distinguish between potential risk treatments
- > Increase collaboration, risk identification and treatment ideation across constituencies
- > Improved stakeholder and partner buy-in - even when they disagree with outcome
- > Ease compromise between individuals or groups, as the process naturally deters political bias
- > Handle dependencies
- > Use with Expert Choice Comparison for improved optimization and allocation of risk resources

RISK ASSESSMENT BY TEAM

Overall Likelihoods, Impacts, and Risks for Intelligent Event London Underground Monitoring

No.	Event	All Participants			CXO			IT		
		Likelihood Computed	Impact, \$ Computed	Risk, \$ Computed	Likelihood Computed	Impact, \$ Computed	Risk, \$ Computed	Likelihood Computed	Impact, \$ Computed	Risk, \$ Computed
[01]	Late Train Running Train is late when its time on the track between the two points is different than the time scheduled in the operational plan.	34.72%	977,228,508	339,335,216	20.59%	1,003,938,552	206,105,491	0.79%	498,617,678	3,956,494
[10]	Major Train Public Accident Death occurs	17.16%	1,968,377,277	337,792,985	3.89%	2,052,516,685	285,159,095	3.48%	879,222,775	30,619,025
[08]	Major Train Work Accident Death occurs	17.11%	1,727,861,602	295,715,993	14.10%	1,764,840,708	248,829,763	3.48%	736,006,883	25,631,517
[05]	Line Closure No train traffic allowed	26.51%	892,514,862	236,589,759	18.88%	849,077,987	160,335,245	6.81%	131,635,675	8,967,136
[07]	Intelligent Event Monitoring Network Shut Down	18.11%	1,067,005,666	193,238,076	4.06%	1,086,280,008	152,779,589	1.49%	601,285,587	8,975,728
[02]	Degradation of Intelligent Monitoring System Physical Assets This is degradation of signals, cables, and sensors.	11.04%	1,284,148,791	141,832,157	4.10%	1,387,498,338	56,899,006	0.79%	484,866,957	3,817,611
[11]	Minor Train Public Accident Injury occurs	2.33%	325,832,621	40,182,525	10.10%	368,856,447	37,261,983	4.63%	44,747,372	2,073,119
[09]	Minor Train Work Accident Injury occurs	4.24%	268,208,077	38,190,339	10.94%	255,800,715	27,992,602	4.63%	2,533,454	117,373
[06]	Failed Integration with Future Monitoring System Network	15.40%	247,379,012	38,096,094	2.33%	344,368,882	8,036,266	6.79%	0	0
		Computed			Computed			Computed		
		Total Risk \$1,660,973,148			Total Risk \$1,183,399,043			Total Risk \$84,158,006		

● Likelihood (L) ● Impact (I) ● Risk (R)

Want to see how Riskion works?
Call for a demo or sign-up for our On Demand Webinar.



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