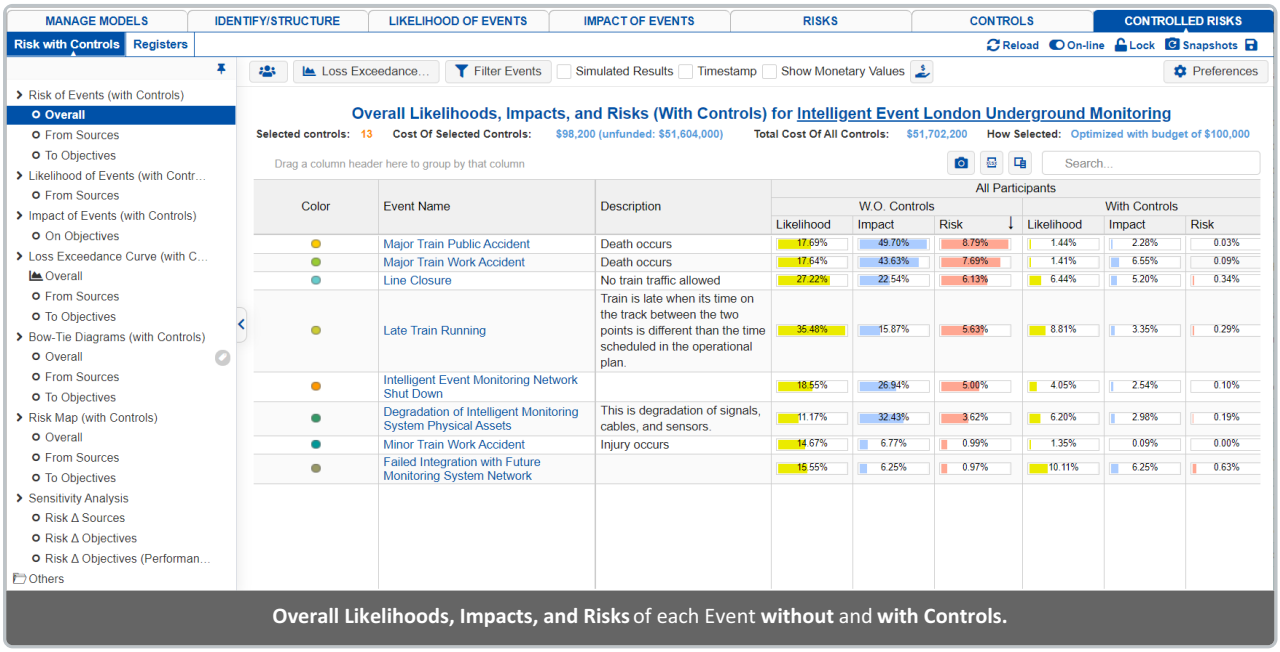
Overall Risks with Controls

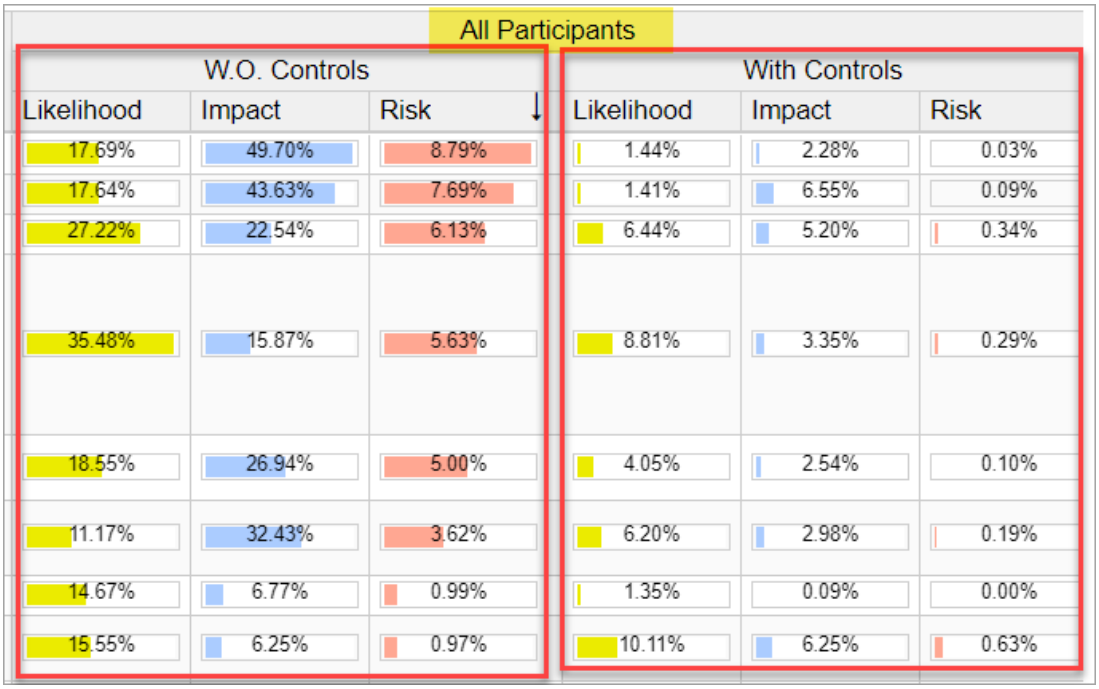
Overview

This page displays a similar grid as with the Overall Risk Results (without controls), with additional columns for results when Controls are in effect.



Overall Likelihoods, Impacts, and Risks of each Event **without** and **with Controls.**

The combined results for "**All Participants**" are displayed by default. The W.O. (without) Controls and With Controls are displayed below the "All Participants" column heading.



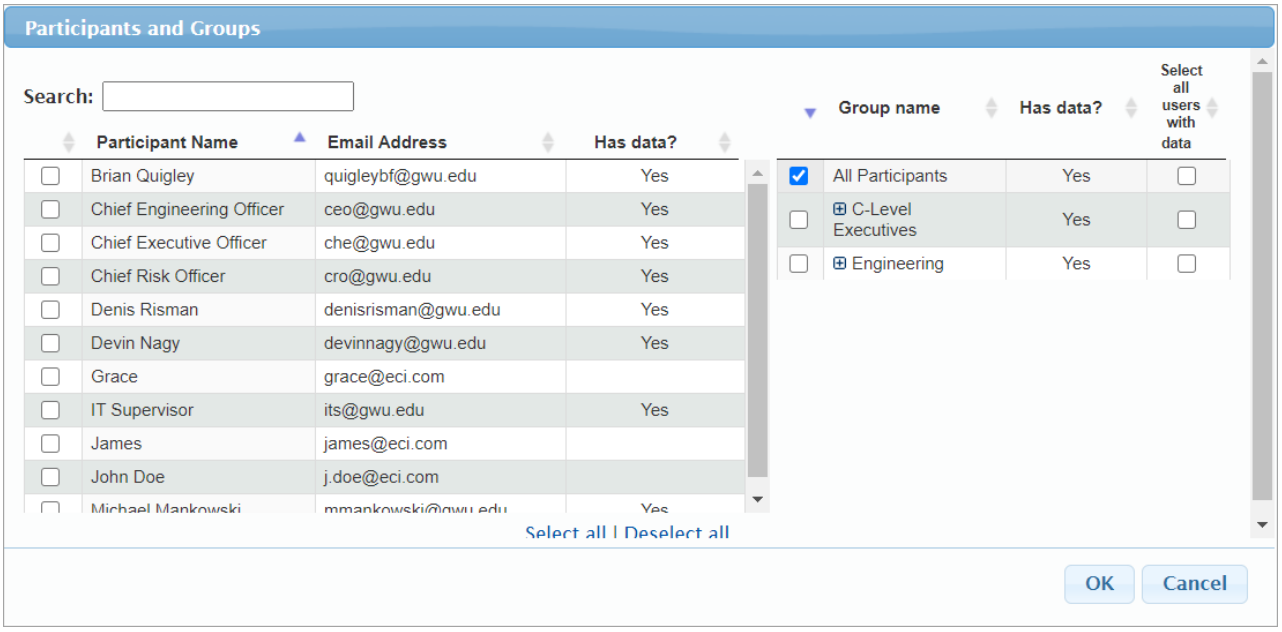
Notice from the above results that the Likelihoods, Impacts, and Risks decreased when controls are in effect.

The details for the controls in effect are displayed at the top of the grid.

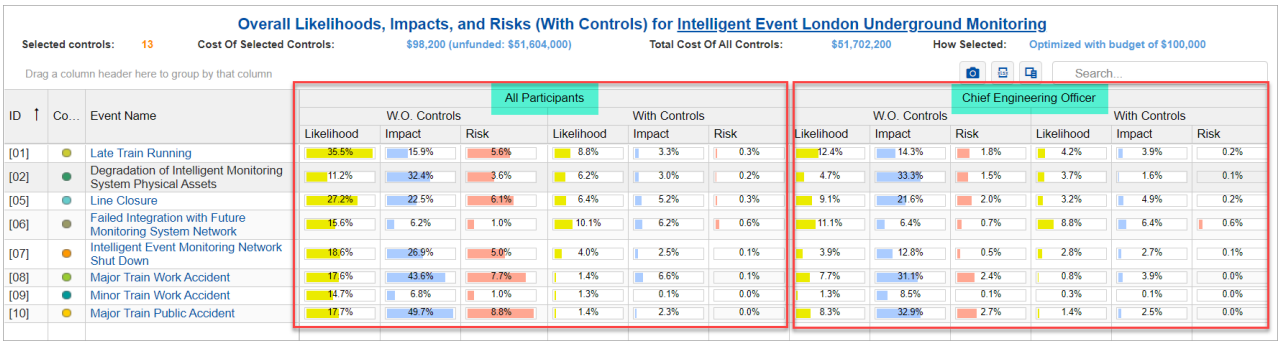
In our example, **13** controls are in effect and were selected by Optimizing with a budget of $100.000.

Select Participants and Groups

By clicking the "Participants and Groups" icon, you can select to display the results for participants or other groups.



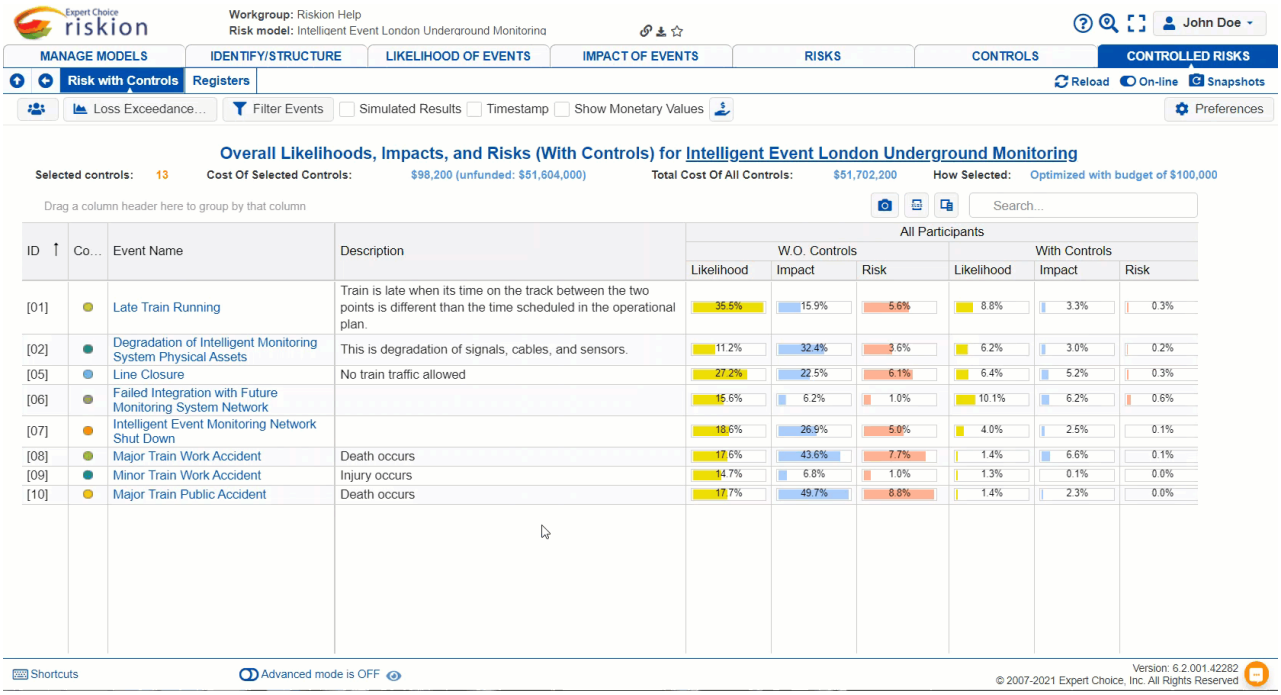
After selecting participants and groups to display, click OK. New columns for the results will be displayed with the participant or group name as the column heading.



Open Bow-tie diagram from Grid

Clicking the Event Name will open a modal that displays the bow-tie diagram for the selected event.

From the Bow-tie diagram, you analyze the **likelihoods** (left) and **impacts** (right) of the selected **event** (center) with **controls**. Click "Overall Bow-tie Diagram" for more details.



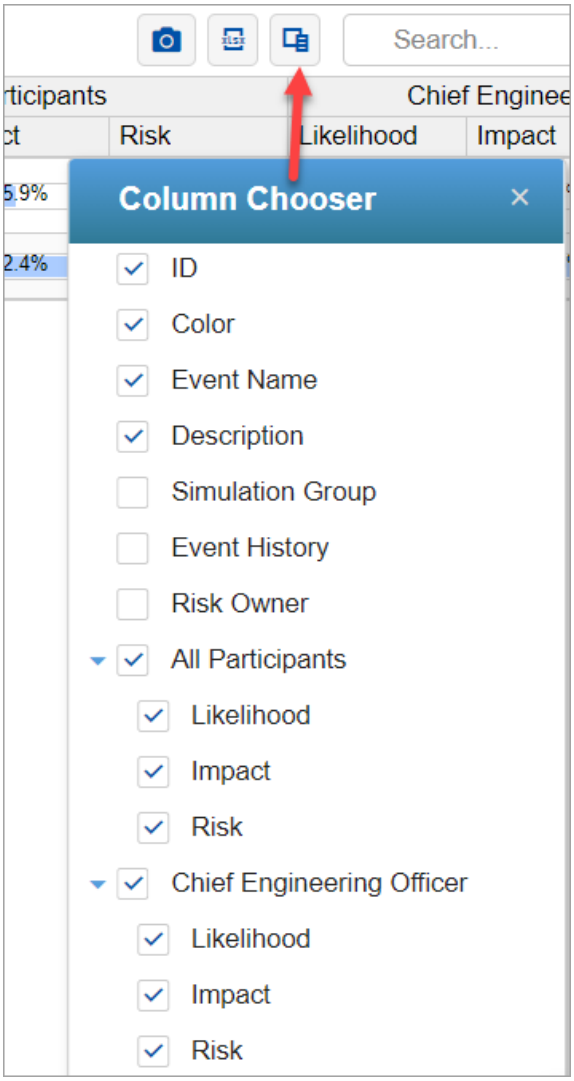
Export Grid into excel or image format

You can export the grid into a .xlsx file by clicking

You can also export the results page into an image file (.png) by clicking

Show or Hide columns

You can select to show/hide columns using the column chooser:



The events attributes can also be displayed on the grid, "Event History" and "Risk Owner" are events attributes above.

Clicking the column header can sort the grid in ascending or descending order by that header.

ID	Color	Event Name	Description	All Participants		
				Likelihood	Impact	Risk
[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.	35.5%	15.9%	5.6%
[02]		Degradation of Intelligent Monitoring System Physical Assets	This is degradation of signals, cables, and sensors.	11.2%	32.4%	3.6%
[05]		Line Closure	No train traffic allowed	27.2%	22.5%	6.1%
[06]		Failed Integration with Future Monitoring System Network		15.6%	6.2%	1.0%
[07]		Intelligent Event Monitoring Network Shut Down		18.6%	26.9%	5.0%
[08]		Major Train Work Accident	Death occurs	17.6%	43.6%	7.7%
[09]		Minor Train Work Accident	Injury occurs	14.7%	6.8%	1.0%
[10]		Major Train Public Accident	Death occurs	17.7%	49.7%	8.8%
			Total Risk:			38.8%

You can reset the sorting by pressing the Ctrl key + clicking again the column header where the sorting is currently active.

Show Monetary Values

Simulated vs Computed Event Likelihoods, Impacts, and Risks (Flaw of Averages)

Preferences