

Risk of Events To Objectives

Overview

This page displays the **Likelihoods, Impacts, and Risks** of each Event to a specific **Objective**.

The Likelihoods, Impacts, and Risks of the events To Objective "**Public Relations**" is displayed below:

The screenshot shows a software interface with a 'Risks' tab selected. The main content area displays a table titled 'Likelihoods, Impacts and Risks to Objective for Intelligent Event London Underground Monitoring'. The table has columns for ID, Color, Event Name, Description, and All Participants (Likelihood, Impact, Risk). The 'Public Relations' objective is selected in the left-hand navigation pane.

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.	35.48%	36.14%	12.82%
[05]	●	Line Closure	No train traffic allowed	27.22%	55.05%	14.99%
[06]	●	Failed Integration with Future Monitoring System Network		15.55%	35.56%	5.53%
[07]	●	Intelligent Event Monitoring Network Shut Down		18.55%	16.73%	3.10%
[08]	●	Major Train Work Accident	Death occurs	17.64%	25.83%	4.56%
[09]	●	Minor Train Work Accident	Injury occurs	14.67%	0.00%	0.00%
[10]	●	Major Train Public Accident	Death occurs	17.69%	61.87%	10.94%
Total Risk:				51.94%		

An Objective is selected from the Objectives Hierarchy at the left.

This table provides a detailed view of the risk data for the 'Public Relations' objective. It includes the same columns as the screenshot above, with the 'Public Relations' objective selected in the left-hand navigation pane.

Objective Name	ID	Color	Event Name	Description	All Participants		
					Likelihood	Impact	Risk
Objectives							
Public Relations							
Loss of Company Reputation							
Customer/Business Dissatisfaction ...							
Financial							
Loss of Customers							
Financial Loss							
Financial Liability Due to Accident							
Reliability, Availability, Maintainability							
Loss of Maintenance Efficiency							
Disruption/Damage to Service Line I...							
Repair to Service Line Infrastructure							
Performance							
Total Risk:					51.94%		

You can also select the top node "Objectives" which will show the same results as with the **Overall Risk Results** page.

The Events on the grid may vary depending on the **contributions of the events** given the selected objective.

Note: It is possible to select multiple objectives at once, this is explained [here](#).

Select Participants and Groups

By default, the results shown are for the "All Participants" group.

By selecting from the  "Participants and Groups" icon, you can display the results for other participants or

groups.

Participants and Groups

Search:

	Participant Name	Email Address	Has data?	
<input type="checkbox"/>	Brian Quigley	quigleybf@gwu.edu	Yes	<input checked="" type="checkbox"/> All Participants <input type="checkbox"/> C-Level Executives <input type="checkbox"/> Engineering
<input type="checkbox"/>	Chief Engineering Officer	ceo@gwu.edu	Yes	
<input type="checkbox"/>	Chief Executive Officer	che@gwu.edu	Yes	
<input type="checkbox"/>	Chief Risk Officer	cro@gwu.edu	Yes	
<input type="checkbox"/>	Denis Risman	denisrisman@gwu.edu	Yes	
<input type="checkbox"/>	Devin Nagy	devinnagy@gwu.edu	Yes	
<input type="checkbox"/>	Grace	grace@eci.com		
<input type="checkbox"/>	IT Supervisor	its@gwu.edu	Yes	
<input type="checkbox"/>	James	james@eci.com		
<input type="checkbox"/>	John Doe	j.doe@eci.com		
<input type="checkbox"/>	Michael Mankowski	mmankowski@gwu.edu	Yes	

Select all | Deselect all

After selecting participants and groups to display, click OK.

Objective Name	ID	Color	Event Name	Description	All Participants			Chief Engineering Officer		
					Likelihood	Impact	Risk	Likelihood	Impact	Risk
Objectives										
Public Relations										
Loss of Company Reputation	[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.	35.48%	36.14%	12.82%	11.39%	23.35%	2.66%
Customer/Business Dissatisfaction...	[05]	●	Line Closure	No train traffic allowed	27.22%	55.05%	14.99%	8.32%	27.80%	2.31%
Financial	[06]	●	Failed Integration with Future Monitoring System Network		15.55%	35.96%	5.53%	0.00%	0.00%	0.00%
Loss of Customers	[07]	●	Intelligent Event Monitoring Network Shut Down		18.55%	16.73%	3.10%	2.08%	0.00%	0.00%
Financial Loss	[08]	●	Major Train Work Accident	Death occurs	17.64%	25.83%	4.56%	7.52%	0.00%	0.00%
Financial Liability Due to Accident	[09]	●	Minor Train Work Accident	Injury occurs	14.67%	0.00%	0.00%	1.20%	0.00%	0.00%
Reliability, Availability, Maintainability	[10]	●	Major Train Public Accident	Death occurs	17.69%	61.87%	10.94%	7.52%	12.95%	0.97%
Loss of Maintenance Efficiency										
Disruption/Damage to Service Line...										
Repair to Service Line Infrastructure										
Total Risk:							51.94%			5.95%

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) To **Objectives** with **controls**. Click "[Bow-tie Diagram From Objectives](#)" for more details.

Likelihoods, Impacts and Risks to Objective for Intelligent Event London Underground Monitoring

Objective Name	I. ↑	Color	Event Name	Description	All Participants		
					Likelihood	Impact	Risk
Public Relations	1	●	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.	35.48%	36.14%	12.02%
Loss of Company Reputation	3	●	Line Closure	No train traffic allowed	27.22%	55.05%	14.99%
Customer/Business Dissatisfi	4	●	Failed Integration with Future Monitoring System Network		15.55%	35.56%	5.53%
Financial	5	●	Intelligent Event Monitoring Network Shut Down		18.55%	16.73%	3.10%
Loss of Customers	6	●	Major Train Work Accident	Death occurs	17.64%	25.83%	4.56%
Financial Loss	7	●	Minor Train Work Accident	Injury occurs	14.67%	0.00%	0.00%
Financial Liability Due to Acci	8	●	Major Train Public Accident	Death occurs	17.69%	61.87%	10.94%
Reliability, Availability, Maintaine							
Loss of Maintenance Efficient							
Disruption/Damage to Servic							
Repair to Service Line Infrast							
Performance							
Temporary Line Closure							
Loss of Reliability and Netwo							
Loss of Wider Monitoring Sys							
Total Risk:							51.94%

Export Grid into excel or image format



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

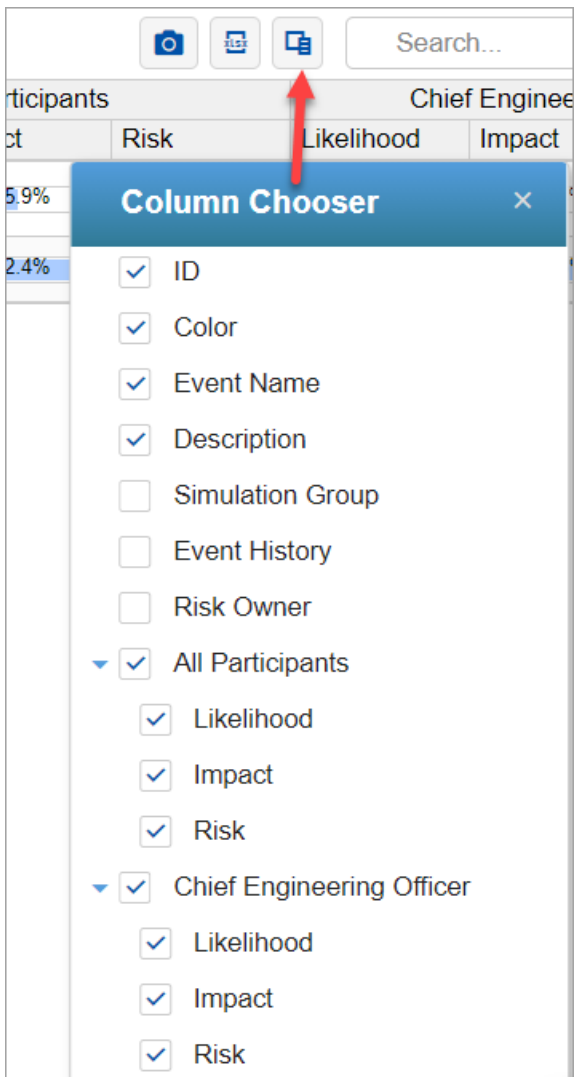
You can also export the results page into an image file (.png) by clicking 

Show or Hide columns

You can show/hide columns both for:

- the main results grid at the right, and
- the hierarchy tree at the left

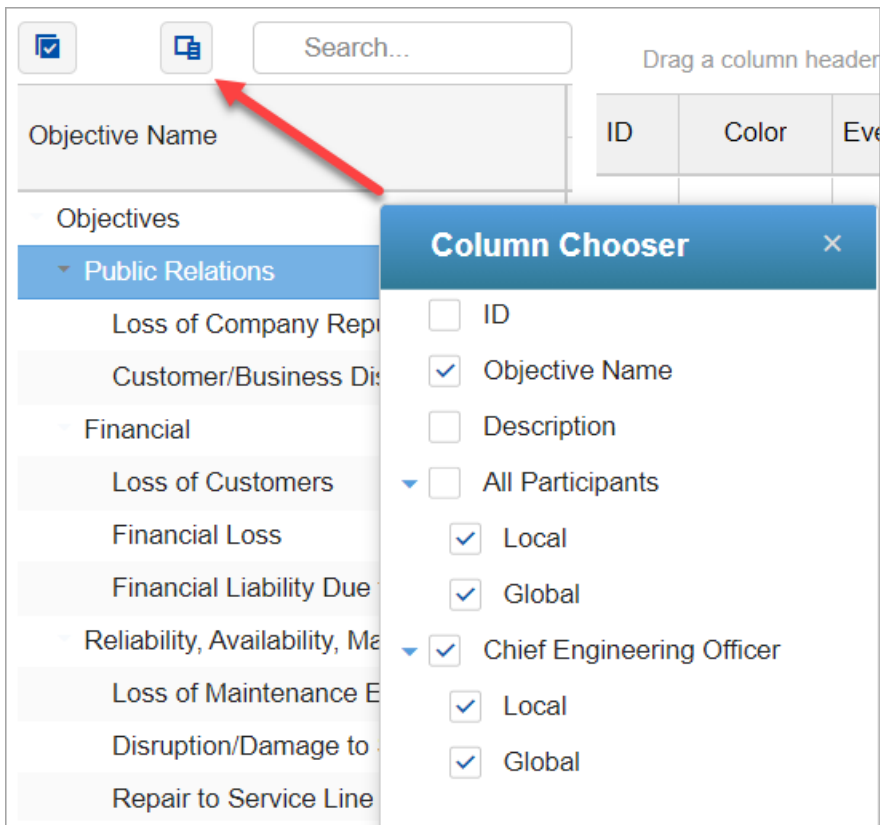
For the main results grid, click the column chooser at the top of the grid:



Simply check/uncheck the column(s) you want to show/hide.

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

For the Sources Hierarchy, click also the column choose on its top:



Here you can select:

- ID - Source ID
- Objective Name
- Description - source's description or information document
- Local and Global - local or global likelihoods of the sources based on the selected participant/group judgments

Sort by Column

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

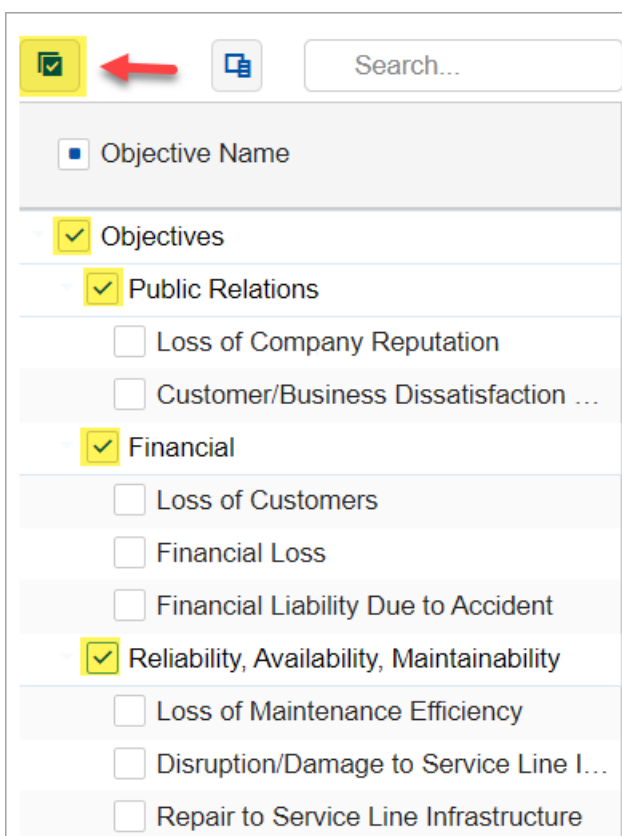
ID	Color	Event Name	Description	All Participants		
				Likelihood	Impact	Risk
[01]	●	Late Train Running	Train is late when its time on the track between the two points is different than the time scheduled in the operational plan.	35.5%	15.9%	5.6%
[02]	●	Degradation of Intelligent Monitoring System Physical 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 on your keyboard and clicking again the column header where the sorting is currently active.

Select Multiple Source Nodes

Instead of showing results only from one WRT Objective, you can also select multiple source nodes at once.

To enable multi-select, click the multi-select icon at the top of the Objectives Hierarchy. By doing so, you will see checkboxes to the right of the objective names where you can select the WRT objective nodes you want to see the results.



A new column, WRT Objective, will be displayed on the main results grid to indicate the WRT nodes for each event.

ID	Color	Event Name	Description	All Participants			WRT Objective
				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.	35.48%	15.87%	5.63%	Objectives
[02]	●	Degradation of Intelligent Monitoring System Physical Assets	This is degradation of signals, cables, and sensors.	11.17%	32.43%	3.62%	Objectives
[05]	●	Line Closure	No train traffic allowed	27.22%	22.54%	6.13%	Objectives
[06]	●	Failed Integration with Future Monitoring System Network		15.55%	6.25%	0.97%	Objectives
[07]	●	Intelligent Event Monitoring Network Shut Down		18.55%	26.94%	5.00%	Objectives
[08]	●	Major Train Work Accident	Death occurs	17.64%	43.63%	7.69%	Objectives
[09]	●	Minor Train Work Accident	Injury occurs	14.67%	6.77%	0.99%	Objectives
[10]	●	Major Train Public Accident	Death occurs	17.69%	49.70%	8.79%	Objectives
[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.	35.48%	25.64%	9.10%	Financial
[02]	●	Degradation of Intelligent Monitoring System Physical Assets	This is degradation of signals, cables, and sensors.	11.17%	5.64%	0.63%	Financial

From above, we can see the likelihoods, impacts, and risks of the events WRT the Overall Sources (top-node), Human Factor, and Environmental.

You can also group the grid by WRT source for better display, this is done by dragging the WRT column header to the top left of the grid:

Objective Name	ID	Color	Event Name	All Participants			WRT Objective
				Likelihood	Impact	Risk	
<input checked="" type="checkbox"/> Objectives	[01]	●	Late Train Running	35.48%	15.87%	5.63%	Objectives
<input checked="" type="checkbox"/> Public Relations	[02]	●	Degradation of Intelligent Monitoring System Physical Assets	11.17%	32.43%	3.62%	Objectives
<input type="checkbox"/> Loss of Company Reputation	[05]	●	Line Closure	27.22%	22.54%	6.13%	Objectives
<input type="checkbox"/> Customer/Business Dissatisfaction ...	[06]	●	Failed Integration with Future Monitoring System Network	15.55%	6.25%	0.97%	Objectives
<input checked="" type="checkbox"/> Financial	[07]	●	Intelligent Event Monitoring Network Shut Down	18.55%	26.94%	5.00%	Objectives
<input type="checkbox"/> Loss of Customers	[08]	●	Major Train Work Accident	17.64%	43.63%	7.69%	Objectives
<input type="checkbox"/> Financial Loss	[09]	●	Minor Train Work Accident	14.67%	6.77%	0.99%	Objectives
<input type="checkbox"/> Financial Liability Due to Accident	[10]	●	Major Train Public Accident	17.69%	49.70%	8.79%	Objectives
<input checked="" type="checkbox"/> Reliability, Availability, Maintainability	[01]	●	Late Train Running	35.48%	36.14%	12.82%	Public Relations
<input type="checkbox"/> Loss of Maintenance Efficiency	[05]	●	Line Closure	27.22%	55.05%	14.99%	Public Relations
<input type="checkbox"/> Disruption/Damage to Service Line I...	[06]	●	Failed Integration with Future Monitoring System Network	15.55%	35.56%	5.53%	Public Relations
<input type="checkbox"/> Repair to Service Line Infrastructure	[07]	●	Intelligent Event Monitoring Network Shut Down	18.55%	16.73%	3.10%	Public Relations
<input type="checkbox"/> Performance	[08]	●	Major Train Work Accident	17.64%	25.83%	4.56%	Public Relations
<input type="checkbox"/> Temporary Line Closure	[09]	●	Minor Train Work Accident	14.67%	0.00%	0.00%	Public Relations
<input type="checkbox"/> Loss of Reliability and Network Effici...	[10]	●	Major Train Public Accident	17.69%	61.87%	10.94%	Public Relations
<input type="checkbox"/> Loss of Wider Monitoring System Pr...	[01]	●	Late Train Running	35.48%	25.64%	9.10%	Financial
<input type="checkbox"/> Loss of Train Service	[02]	●	Degradation of Intelligent Monitoring System Physical Assets	11.17%	5.64%	0.63%	Financial

Show Monetary Values

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

Preferences